### Task 2 – Spreadsheet

Question	Answer	Marks
For <b>Questi</b>	on 1 see below for example of spreadsheet.	
1		3
	Name, centre and candidate number centre aligned in header	1
	Text Created on with space then with automated date in footer	1
	with space, the text <b>at</b> another space and the automated time in the footer	1
For <b>Questi</b>	on 2 see below for example of spreadsheet formulae.	
2		6
	=VLOOKUP ( )	1
	В29,	1
	j32giraffe.csv!	1
	\$A\$2:\$C\$12	1
	,3	1
	,0	1
For <b>Questi</b>	on 3 see below for example of spreadsheet formulae.	
3	=VLOOKUP(B29,j32giraffe.csv!\$A\$2:\$F\$12,6,0)	1
For <b>Questi</b>	on 4 see below for example of spreadsheet formulae.	
4	Cells D29 and F29 replicated to row 98	1
For <b>Questi</b>	on 5 see below for example of spreadsheet formulae.	
5		2
	=COUNTA ( )	1
	A29:A98	1

### 0417/32

### Cambridge IGCSE – Mark Scheme PUBLISHED

Question	Answer	Marks
For <b>Questi</b>	on 6 see below for example of spreadsheet formulae.	
6		5
	=COUNTIFS ( )	1
	F29:F98	1
	,"Critically endangered"	1
	,G29:G98	1
	,"Yes"	1
For <b>Questi</b>	on 7 see below for example of spreadsheet.	
7		2
	New row 6 inserted	1
	with text Critically endangered	1
For <b>Questi</b>	on 8 see below for example of spreadsheet formulae.	
8		8
	=COUNTIFS ( )	1
	F29:F98	1
	as an absolute reference	1
	,"Critically endangered"	1
	,E29:E98	1
	as an absolute reference	1
	,A8	1
	as a relative reference	1

Question	Answer	Marks
For Questi	on 9 see below for example of spreadsheet.	
9		7
	Cells A1:B1 and A6:B6 merged	1
	20-point black text	1
	Cells A1:B10 sans-serif	1
	Text in A1, A3, A4, B7 wrapped as shown	1
	Rows 2 and 5 half height of row 10	1
	A3:A4 & A8:A10 right aligned and B1:B10 centre aligned	1
	Rows 1, 3, 4 and 7 centre aligned vertically	1
For <b>Questi</b>	on 10 see below for example of formulae spreadsheet.	
10		2
	Formulae printout – Formulae in cells A1 to G98 fully visible	1
	Formulae printout – Landscape orientation with row and column headings	1
For <b>Questi</b>	on 11 see below for example of values spreadsheet and selection method.	
11		4
	Values printout – Rows 1 to 7 and selected rows from 8 to 26 fully visible	1
	Values printout – filter used to remove countries with 0	1
	Values printout – Portrait orientation, single page with row and column headings	1
	Screen shot evidence of selection method	1
Total		41

### Task 3 – File management

Task	Answer	Marks
For <b>Questi</b>	on 12 see below for example of folder screen shot.	
12	Screen shot includes folder name, image dimensions, video frame height and width, file names, file extensions and file sizes	1
For <b>Questi</b>	on 13 see below for examples of html and browser view.	
13		7
	No letters visible	1
	Table style="width:75%;" of browser window	1
	Single table used	1
	Table attribute border="1"	1
	Row 1 – colspan="2"	1
	Row 2 left – rowspan="3"	1
	Row 5 – colspan="2"	1
For <b>Questi</b>	on 14 see below for example of HTML.	
14	Title accurate and in head section	1
For <b>Questi</b>	on 15 see below for examples of html and browser view.	
15		7
	Banner image in top cell.	1
	Video visible in row 2 left cell	1
	video <> tag used with	1
	src="j32feed.mp4"	1
	type="video/mp4"	1
	Appropriate error message between <video> and </video> tags	1
	Set to autoplay	1

Task	Answer	Marks
For <b>Questi</b>	on 16 see below for example of HTML.	
16		3
	Row 4 right cell - Web page edited by:	1
	with new line then name, centre number and candidate number	1
	all text set in style h3	1
For <b>Questi</b>	on 17 see below for example of HTML and browser view.	
17		2
	Bottom row – text from source file complete	1
	set in style p	1
For <b>Questi</b>	on 18 see below for example of HTML.	
18	Stylesheet j32web.css attached in head section	1
For <b>Questi</b>	on 19 see below for example of HTML	
19		6
	Row 2 right cell - Anchor set around j32what.jpg	1
	<a <="" href="j32what.htm" td=""><td>1</td></a>	1
	target="_blank">	1
	Row 3 right cell - Anchor set around j32contact.jpg	1
	<a href="mailto:g.raffe@cambridge.org&lt;/td&gt;&lt;td&gt;1&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt; ?subject=Giraffe"></a>	1
For <b>Questi</b>	on 20 see below for example of browser view.	
20	In browser, address visible	1
Total		28

Header	Name, centre & candidate no - centre aligned	1 mark
Footer	Created on <automated date=""></automated>	1 mark
	at <automated time=""></automated>	1 mark

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_							
	4		8		c	p	
1	т	agged gira	affe sightin	ngs			
- 2	Receiver of eightings in 7						
	day period	-COUNTALAZE: AS	180				
	Number of critically						
	endengered sightings with			00 003			
4	photograph	=COUNTIFS(F29:F	98,"Critically enda	ngered",629:598,"Yes")			
6		Critically	endangere	ed			
7	Country		Number of s	ightings			
	Botswana	+COUNTIPS(P\$29)	P\$98,"Critically en	dangered",E\$29:E\$58,A8)			
8	Burundi	+COUNTIPS(#\$29)	:F\$98,"Critically en	dangered",E\$29:E\$98,A9)			
10	Cameroon	=COUNTIF5(F529)	:F\$98,"Critically en	dangered",E\$29:E\$98,A10)			
11	Central African Republic	=COUNTIF5(F529)	:F\$98,"Critically en	dangered", E\$29:E\$98, A11)			
12	Chad	=COUNTIF5(F\$29:	:F\$98,"Critically en	dangered".E\$29:E\$98,A12)			
13	Ethiopia	-COUNTIF5(F\$29)	:F\$98,"Critica	44" E529 E598,A13)			
14	Kenya	-COUNTIF5(F\$29)	:F\$98,"Critically	414			
15	Malawi	-COUNTIFS()	3.3	=COUNTA()			1 mark
10	Miceambigue	COUNTING -		A20.V08			1 mark
10	hiner	-COUNTIESIG	4 د				
14	Reantia	=COUNTIES/R	54	=COUNTIFS ( )			I mark
20	Somalia	=COUNTIPS(P		F29:F98			1 mark
21	South Africa	-COUNTIFS(F		, "Critically enda	ngered"		1 mark
22	South Sudan	-COUNTIF5(P		,G29:G98			1 mark
23	Sudan	+COUNTIFS(F		"Yes"			1 mark
24	Tanzania	-COUNTIPS(P	28				1 mark
25	Uganda	-COUNTIES(9	0				1 mark
26	Zambia	-COUNTIFS(P		FZ9:F98			i mark
	12/12			as an absolute r	eterence		1 mark
Gree	ited on 01/09/2022 at 13:43	8		, "Critically enda	ngered"		1 mark
				,E29:E98			1 mark
				as an absolute r	eference		1 mark
					01010100		1 mark
				,A0			1 mark
				as a relative refe	erence		1 mark

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	A	- 24	1		C		D	
27					- 19 - P			
28	Date	Code			Tag number	Species.		
29	45326	nă			n3-00081	-VLOOKUP(	829 (32giraffe.co	(ISAS2:\$C\$12,3.0)
30	45326	r: .			r-00034	=VLOCKUP(	B30, 32 giraffe.cs	(ISA52:\$C\$12,3,0)
31	45326	m2			m2-00039	=VLOOKUP(	B31, J32giraffe.cov	(SA\$2:\$C\$12,3,0)
2	45326	n2			n2-00078	-VLOOKUP(S	B32, j32giraffe.cs	(SA52:5C512,3,0)
3	45326	£1			\$1-00056	-VLDOKUP(S	B33.j32graffe.cs	(SA52:5CS12,3,0)
4	43326	11			\$1-00073	=VLOOKUP(I	834.J3.2giraffe.cm	U\$452-5C\$12,3.0
5	45327	m2			m2-00028	=VLOOKUP(I	115 122	(\$A\$2:\$C\$12,1.0)
6	45327	\$2			\$2-00033	=VLDO82	wite_re	(SA\$2:5C512.3.0)
7	45327	m2			-3 03030		<u> </u>	"6A52:5C512,3.0]
8	45327	r	D29	=VLO	OKUP (	)	1 mark	\$4\$2;\$C\$12,3.0]
9	45327	r.		B20		. ,	1 mark	\$4\$2:\$C\$12,3.0}
3	45327	m2		D23	', ·			\$452:5C\$12,3,0]
1	45328	m2		J320	giraffe.csv	!	1 mark	\$A\$2:\$C\$12,3.0]
2	45328	m2		\$A\$	2:\$C\$12		1 mark	SA\$2:5C\$12,3.0]
3	45328	n1		3			1 mark	\$A\$2:\$C\$12,3.0]
4	453.28	\$1		,0			1 mark	\$A\$2:\$C\$12,1.0]
5	453.28	\$1		,0			I mark	\$A\$2:\$C\$12,3,0]
6	45328	52			32-00021	THY DOOR OPPO	946.JSZDIWIEKS	(SAS2-SCS12, 3.0)
7	43328	m2			m2-00032	=VLOOKUP(	847.132girafte.cs	(SA\$2-\$C\$12,3.0)
8	453.28	m2			m2-00077	-VLOCKUP(S	848.j32giraffe.co	(ISAS2-SCS12,3.0)
9	45328	n1			n1-0008	+VLOOKUP(S	849 j32giraffe.co	/ISAS2:5C\$12,3.0]
0	45328	m2			m2-00068	-VLOOKUP(	BSD_j32giraffe.cs	(ISAS2-5C\$12,3.0)
t.	45328	11			\$1-00067	=VLDOKUP(I	151_122graffe.co	(SA\$2:\$C\$12,1.0)
ź	45328	11			\$3-00050	-VLDORUP(I	152,j32graffe.co	(SA\$2:\$C\$12,3.0)
3	45328	t.			r-00025	-VLDOKUP(	853,j32graffe.co	(\$A\$2:\$C\$12,3,0)
4	45328	m2			m2-00070	=VLOOKUP(8	854.J32girafte.cs	(SAS2-SCS12, 3.0)
5	45328	n2			n2-00031	=VLDOWUP(8	855.J32giraffe.cs	(SA\$2-\$C\$12,3.0)
8	43328	52			\$2-00044	=VLOOKUP(	856.132gitaffe.cm	(SA\$2-\$C\$12,3.0)
7	45328	m2			m2-0006	=VLOOKUP(	857, J32giraffe.co	/ISAS2-5CS12, 3.0]
IR.	45328	r			r-00012	#VLOOKUP/	RSR 132pirafte.co	15452-50512 3.01

Created on 01/09/2022 at 13:44

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	A	1	c	D
39	45328	m2	m2-00019	=VLOOKUP(859,32g)raffe.cw15A52:\$C\$12,3,0}
60	45328	\$1	\$1-00041	+VLOCKUP(860,j32gkaffe.cw/\$A\$2:\$C\$12,3,0)
.61	45328	r.	r-00016	=VLOOKUP(861,J32gkaffe.csv15A52:\$C\$12,3.0)
-62	45328	\$2	\$2-00069	=VLOOKUP(862,J32gkaffe.csv15A\$2:\$C\$12,3,0)
63	45328	m2	m2-00042	=VLOOKUP(863.j32gkaffe.csv1\$4\$2:\$C\$12.3.0)
64	45328	n3	n3-00035	=VLOOKUP(864,32giraffe.cw1\$A\$2:\$C\$12,3,0)
65	45328	<b>i1</b>	\$1-00017	=VLOOKUP(865,j32graffe.cwl5A52:\$C\$12,3,0)
66	45328	m2	m2-00045	=VLOOKUP(866.j32gkaffe.csv1\$A\$2:\$C\$12.3.0)
67	45328	\$1	\$1-0009	=VLOOKUP(867.j32gkaffe.csv15A\$2:\$C\$12.3.0)
68	45328	n1	n1-00010	=VLOOKUP(868.j32giraffe.csv1\$A\$2:\$C\$12.3.0)
ΞĐ	45328	r.	r-00023	-VLOCKUP(869,32giraffe.cw1\$A\$2:\$C\$12,3,0)
70	45328	m2	m2-0007	~VLOOKUP(870,j32gkaffe.cw15A52:5C512,3,0)
71	45329	\$2	\$2-00079	=VLOOKUP(871,j32g#affe.cwl\$A\$2:\$C\$12,3,0)
72	45329	51	\$1-00029	=VLOOKUP(872.)32giraffe.csv15A52:5C512.3.0)
73	45329	m2	m2-00052	=VLOOKUP(873.J32gkaffe.csv1\$4\$2:\$C\$12.3.0)
74	45329	51	\$1.00075	=VLOOKUP(874.j32giraffe.csv15A52:5C512.3.0)
75	45329	81	n1-00061	=VLOOKUP(875,j32g/raffe.cov1\$A\$2:\$C\$12,3,0)
76	45329	n2	n2-00015	=VLDOKUP(876,J32giraffe.csv15A\$2:\$C\$12,3,0)
77	45329	m2	m2-00057	=VLDOKUP(877,j32giraffe.cw15A\$2:5C\$12,3,0)
78	45330	m2	m2-00038	=VLOOKUP(878.j32gkaffe.csv1SAS2:SCS12.3.0)
75	45330	F	r-00058	=VLOOKUP(879.J32giraffe.csv1\$A\$2:\$C\$12.3.0)
8D	45330	m2	m2-00054	~VLOOKUP(880,j32giraffe.cw!\$A\$2:\$C\$12,3,0)
81	45330	ni	n1-00036	=VLOOKUP(881,j32gkaffe.cov1\$A\$2:\$C\$12,3,0)
82	45330	\$2	\$2-00013	=VLOOKUP(882,)32giraffe.csv1\$A\$2:\$C\$12,3,0)
83	45330	51	\$1-00040	=VLOOKUP(883,j32g#affe.csv1\$A\$2:\$C\$12,3,0)
84	45330	51	11-00048	=VLOOKUP(884.j32giraffe.csv1\$A\$2:\$C\$12.3.0)
85	45331	m2	m2-00060	=VLOOKUP(885.j32giraffe.csv1\$A\$2:\$C\$12.3.0)
86	45331	\$1	\$1-00063	-VLOCKUP(886,j32gkaffe.csv15A52:5C512,3,0)
87	45331	n3	n3-00071	-VLOOKUP(887,j32giraffe.cov/SA\$2:\$C\$12,3,0)
88	45331	\$2	\$2-00053	-VLOOKUP(888,j32giraffe.cov!\$A\$2:\$C\$12,3,0)
89	45332	r	r-00024	=VLOCKUP(889,J32ghaffe.csvl\$A\$2:\$C\$12,3,0)
90	45332	m2	m2-00027	=VLOOKUP(890,132gkaffe.csv/\$A\$2:\$C\$12,3.0)

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1.5	A CONTRACTOR OF A		ă.	. ¢	D
-91	45332	\$1	s1-0	00047	=VLOCKUP(B91,J32giraffe.csv!\$A\$2:\$C\$12,3,0)
92	45332	n2	n2-	00022	=VLOCKUP(B92,j32giraffe.csv?\$A\$2;\$C\$12,3,0)
93	45332	m2	m2-	-00064	=VLDCKUP(853_32giraffe_cw/\$A\$2:\$C\$12,3,0)
:14	45332	\$2	12-1	0003	+VLDOKUP(B94,j32graffe.cav1\$A\$2:\$C\$12,3,0]
\$5	45332	n1	nL-	00074	=VLDOKUP(895,;32graffe.csv!\$A\$2:\$C\$12,3,0)
96	45332	m2	m2-	-00076	=VLOCKUP(896.j32giraffe.csv?\$A\$2:\$C\$12,3,0)
97	45332	51	s1-(	00049	=VLOOKUP(B97,j32giraffe.csv1\$A\$2:\$C\$12,3,0)
98	45332	m2	m2-	-00046	-VLDOKUP(B96,32giraffe.csv?\$A\$2:\$C\$12,3,0)



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E		G
50 Kenya	=VLOOKUP(859,j32giraffe.covISA52:5F512,6,0)	Yes
60 Botswana	=VLOOKUP(860, J32giraffe.csvl\$A\$2:\$P\$12, 6, 0)	No
61 Somalia	=VLOOKUP(861, J32giraffe.csv/\$A\$2:\$F512, 6, 0)	Yes
62 South Africa	=VLOOKUP(B62,B2giraffe.csv!\$A\$2:\$F\$12,6,0)	Yes
63 Tanzania	=VLOOKUP(863.j32giraffe.csv/\$A\$2:\$F\$12.6.0)	Yes
64 Niger	=VLOOKUP(864, J32giraffe.csv/\$A\$2:\$F\$12, 6, 0)	Yes
65 Botswana	=VLOOKUP(865,j32giraffe.cov!\$A\$2:\$P\$12,6,0)	Yes
66 Kenya	=VLOOKUP(866,j32giraffe.cov!\$A52:\$P\$12,6,0)	Yes
67 Botswana	=VLOOKUP(867, J32gtraffe.csvI\$A\$2:\$F\$12, 6, 0)	Yes
68 Chad	=VLOOKUP(868,j32giraffe.covI\$A\$2:\$F\$12,6,0)	Yes
69 Kenya	=VLOOKUP(869, j32giraffe.cw15A52:\$F512, 6,0)	Yes
70 Targania	=VLOOKUP(870, j32giraffe.csvl\$A\$2:\$P\$12,6,0)	Yes
71 Mozambique	=VLOOKUP(871,j32giraffe.csv!\$A\$2:\$P\$12,6,0)	No
72 Botswana	-VLOOKU P(872, 32giraffe.csv!\$A\$2:\$P\$12,6,0)	Yes
73 Tanzania	=VLOOKUP(873, J32gtraffe.csv1\$4\$2:\$F\$12,6,0)	Yes
74 Botswana	=VLOOKUP(874, J32giraffe.cov!\$A\$2:\$F\$12, 6, 0)	Yes
75 South Sudan	=VLOOKUP(875,j32giraffe.cov!\$A\$2:\$P\$12,6,0)	Yes
76 South Sudan	=VLOOKUP(876, j32giraffe.csv1\$A\$2:\$F\$12, 6, 0)	Yes
77 Kenya	=VLOOKUP(877,j32giraffe.cov!\$A\$2:\$P\$12,6,0)	No
78 Tanzania	=VLOONUP(878,j32giraffe.cov!\$A\$2:\$F\$12,6,0)	Yes
79 Kenya	=VLOOKUP(879, j32giraffe.csv1\$4\$2:\$P\$12, 6, 0)	Yes
80 Tanzania	=VLOOKUP(880, j32giraffe.csv1\$A\$2:\$F\$12, 6, 0)	Yes
81 Cameroon	=VLOOKUP(B81,B2giraffe.csv!\$A\$2:\$F\$12,6,0)	No
82 Botswana	=VLOOKUP(882, J32g)raffe.csvl\$A\$2:\$F\$12, 6, 0)	No
83 Namibla	=VLOOKUP(B83,j32giraffe.csv/\$A\$2:\$F\$12,6,0)	Yes
84 Botswana	=VLOOKUP(884,j32giraffe.csv!\$A\$2:\$F\$12,6,0)	Yes
85 Kenya	=VLOOKUP(885,j32giraffe.csvl\$4\$2:\$F\$12,6,0)	Yes
86 Botswana	=VLOOKUP(886.j32g#affe.csv1\$A\$2:\$F\$12.6.0)	Yes
87 Niger	=VLOOKUP(B87,j32giraffe.cov!\$A\$2:\$F\$12,6,0)	Yes
88 South Africa	=VLOOKUP(B88,j32graffe.csv/\$A\$2:\$F\$12,6,0)	Yes
89 Somalia	=VLOOKUP(889,j32graffe.csvl\$A\$2:\$F\$12,6,0)	No
90 Kenya	=VLOOKUP(B90,j32giraffe.cov!\$A52:\$F512,6,0)	Yes

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- 11	E	t t	G
91	Namibia	=VLOOKUP(891, J32giraffe.csv!\$A\$2:\$F\$12, 6, 0)	Yes
92	Ethiopia	=VLOOKUP(892,j32graffe.csv!\$A\$2:\$F\$12,6.0)	Yes
95	Tanzania	=VLOOKUP(893,j32giraffe_csv!\$A\$2:\$P\$12,6,0)	No
94	South Africa	=VLOOKUP(894,J32graffe.csv1\$A\$2:\$F\$12,6,0)	Yes
95	Cameroon	=VLOOKUP(895,j32giraffe.cov!\$A\$2:\$F\$12,6,0)	Yes
96	Kenya	=VLOOKUP(B96,J32giraffe.csv!\$A\$2:\$P\$12,6,0)	Yes
97	Namibia	=VLOOKUP(897,j32graffe.csv/SA\$2:\$F\$12,6,0)	Yes
98	Kenya	=VLOOKUP(B18, j32graffe.csv1\$A\$2:\$P\$12, 6, 0)	Yes

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	А	В
	Tagged gira	ffe
1	sightings	
3	Number of sightings in 7 day period	70
4	Number of critically endangered sightings with	12
-	photograph	I
э		
5	Critically endan	gered
5 6 7	Critically endan	gered Number of
5 6 7 10	Critically endan Country Cameroon	gered Number of sightings 2
5 6 7 10 11	Critically endan Country Cameroon Central African Republic	Sumber of sightings
5 6 7 10 11 12	Critically endan Country Cameroon Central African Republic Chad	Sered Number of sightings 2 1 1
5 6 7 10 11 12 13	Critically endan Country Cameroon Central African Republic Chad Ethiopia	Sumber of sightings 2 1 1 2
5 6 7 10 11 12 13 18	Country Country Cameroon Central African Republic Chad Ethiopia Niger	Sered Number of sightings 2 1 1 2 3

Row 6	New row inserted	1 mark
	Critically endangered	1 mark
	Cells A1:B1 and A6:B6 merged	1 mark
Row 1 & 6	20-point black text	1 mark
Rows 1-10	Cells A1:B10 sans-serif	1 mark
	Text in A1, A3, A4, B7 wrapped as shown	1 mark
	Rows 2 and 5 half height of row 10	1 mark
	A3:A4 & A8:A10 right aligned & B1:B10 centre aligned	1 mark
	Rows 1, 3, 4 & 7 centre aligned vertically	1 mark
Printout	Only rows 1 to 7 and selected rows from 8 to 26 fully visible	e 1 mark
	Filter used to remove countries with 0	1 mark
	Portrait, single page with row and column headings	1 mark

Created on 05/04/2022 at 14:34

### **Evidence Document**

Sheetit grow	3		
<ul> <li>✓ (Select All)</li> <li>□0</li> <li>○1</li> <li>○2</li> <li>○3</li> <li>○4</li> </ul>	Filter	Evidence of selection method	1 mark
-82 -83 -84			

T Local De	SK (UK) IN CHE IN DATIN IN	2024 > June 32 > Wor	keu > jac		* 0 /	searchijsz
Name	Date modified	Туре	Size	Dimensions	Frame height	Frame width
ij32banner.jpg	04/04/2022 09:37	JPG File	91 KB	1180 x 189		
j32contact.jpg	04/04/2022 14:17	JPG File	18 KB	250 x 90		
📥 j32feed.mp4	04/04/2022 08:51	VLC media file (.m	2,482 KB		480	854
📷 j32logo.png	05/04/2022 11:40	Adobe Fireworks	123 KB	240 x 176		
j32text.txt	05/04/2022 10:20	Text Document	1 KB			
🐒 j32web.css	05/04/2022 11:45	Cascading Style S	1 KB			
j32what.htm	05/04/2022 11:56	Chrome HTML Do	1 KB			
i32what.jpg	04/04/2022 14:18	IPG File	19 KB	250 x 90		
			_			