MS-WORD

Microsoft Word is a word processor developed by Microsoft. It was first

released in 1983 under the name Multi-Tool Word for Xenix systems. MS

Word is a popular word-processing program used primarily for creating

documents such as letters, brochures, learning activities, tests, quizzes and

students' homework assignments. There are many simple but useful features

available in Microsoft Word to make it easier for study and work. That's why

so many people would prefer to convert the read-only PDF to editable Word

and edit PDF in Word.

Task 1- Create a MakeCode program for the micorbit from the given algorithm.

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| --- | --- |
| Steps | Instruction |
| 1. | Start program when logo is touched |
| 2. | Show random numbers between 2 to 12 |
| 3. | Wait 2 secs |
| 4. | Clear Screen |
| 5. | Stop program |

Algorithm 1 Algorithm 2

|  |  |
| --- | --- |
| Steps | Instruction |
| 1. | Start program when microbit is shaken |
| 2. | Show random numbers between 1 to 6 |
| 3. | Wait 5 secs |
| 4. | Clear Screen |
| 5. | Stop program |

a. Create a new project and give it a name.

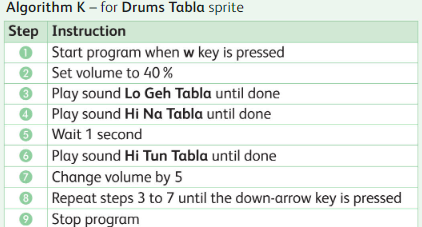
b. Add the code for the algorithm A to the programming area.

c. Add the code for the algorithm B to the programming area.

d. Run the program.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Rubric for Makecode** | | | | |
|  | 1 | 2 | 3 | Total |
| Able to follow the algorithm |  |  |  |  |
| Able to add the blocks |  |  |  |  |
| Able to run |  |  |  |  |
| **Key**:1. Needs more opportunity to develop this skill.  2.Beginning to demonstrate this skill.  3.Has achieved this skill. | | | | |

Task 2

i) Create a Scratch 3 program for the following algorithm.

a. Create a new project.

b. Delete Sprite1 and add the sprite named Drums Tabla.

c. Add the when (space) key pressed block to the programming area. Select 'w' from the dropdown menu.

d .dd the set volume to () block. Change the number to 40.

e. Add the repeat until block.

f. Press the down arrow key to stop the program.

g. Add the key (space) pressed? block and select down arrow.

h. Add the blocks for steps 3 to 7 inside the repeat until block.

i. Add a comment to explain what the code does.

j. Press the 'w' key to run the program.

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| --- | --- | --- | --- | --- |
| **Rubric for Scratch 3** | | | | |
|  | 1 | 2 | 3 | Total |
| Able to add sprite |  |  |  |  |
| Able to understand the algorithm |  |  |  |  |
| Able to add blocks |  |  |  |  |
| Able to run the program |  |  |  |  |
| **Key**:1. Needs more opportunity to develop this skill.  2.Beginning to demonstrate this skill.  3.Has achieved this skill. | | | | |

ii) Create a MS word document.

Microbit

[The micro:bit is a **pocket-sized computer designed to inspire creative thinking in children**](https://www.bing.com/ck/a?!&&p=cd81c50d9f9918ffJmltdHM9MTcwNzYwOTYwMCZpZ3VpZD0xMjk4NjViYS0xOGE2LTY0NGQtMzUyYy03NjhiMTlkZTY1OWMmaW5zaWQ9NjAwMQ&ptn=3&ver=2&hsh=3&fclid=129865ba-18a6-644d-352c-768b19de659c&psq=about+microbit&u=a1aHR0cHM6Ly93d3cuYmJjLmNvLnVrL3RlYWNoL21pY3JvYml0L3doYXQtaXMtdGhlLW1pY3JvYml0L3pmamc4cDM&ntb=1). [It is an open source hardware ARM-based embedded system designed by the BBC for use in computer education in the United Kingdom](https://www.bing.com/ck/a?!&&p=2377f7adb6fad729JmltdHM9MTcwNzYwOTYwMCZpZ3VpZD0xMjk4NjViYS0xOGE2LTY0NGQtMzUyYy03NjhiMTlkZTY1OWMmaW5zaWQ9NjAwNw&ptn=3&ver=2&hsh=3&fclid=129865ba-18a6-644d-352c-768b19de659c&psq=about+microbit&u=a1aHR0cHM6Ly9lbi53aWtpcGVkaWEub3JnL3dpa2kvTWljcm9fQml0&ntb=1). [The micro:bit has an LED light display, buttons, sensors, and many input/output features that you can program and physically interact with](https://www.bing.com/ck/a?!&&p=4d52850f927e77a0JmltdHM9MTcwNzYwOTYwMCZpZ3VpZD0xMjk4NjViYS0xOGE2LTY0NGQtMzUyYy03NjhiMTlkZTY1OWMmaW5zaWQ9NjAwOQ&ptn=3&ver=2&hsh=3&fclid=129865ba-18a6-644d-352c-768b19de659c&psq=about+microbit&u=a1aHR0cHM6Ly9zdXBwb3J0Lm1pY3JvYml0Lm9yZy9zdXBwb3J0L3NvbHV0aW9ucy9hcnRpY2xlcy8xOTAwMDAxMzk4My13aGF0LWlzLWEtbWljcm8tYml0LQ&ntb=1). [It can be programmed in many different ways and has multiple uses](https://www.bing.com/ck/a?!&&p=af5c54c5aa12a266JmltdHM9MTcwNzYwOTYwMCZpZ3VpZD0xMjk4NjViYS0xOGE2LTY0NGQtMzUyYy03NjhiMTlkZTY1OWMmaW5zaWQ9NjAxMQ&ptn=3&ver=2&hsh=3&fclid=129865ba-18a6-644d-352c-768b19de659c&psq=about+microbit&u=a1aHR0cHM6Ly93d3cuYmJjLmNvLnVrL3RlYWNoL21pY3JvYml0L3doYXQtaXMtdGhlLW1pY3JvYml0L3pmamc4cDM&ntb=1).

a. Type the above paragraph using font style “Airal” and font size “14”.

b. Algin the heading “Microbit” on in center alignment.

c. Add a header with your name and footer as a page number.

d. Apply the track change and use find and replace the word micro:bit to Microbit.

e. Add comments to the changes you have done.

f.Save your document as “Your name-id” eg- “Hassan-3421”.

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| **Rubric for MS word** | | | | |
|  | 1 | 2 | 3 | Total |
| Able to use Font style and size |  |  |  |  |
| Able to add header and footer |  |  |  |  |
| Able to Track change and comments |  |  |  |  |
| Able to save |  |  |  |  |
| **Key**:1. Needs more opportunity to develop this skill.  2.Beginning to demonstrate this skill.  3.Has achieved this skill. | | | | |