1) Write a program in scratch to match the following algorithm.

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| **STEP**  | **INSTRUCTION**  |
| 1 | When the green flag is clicked  |
| 2 | Set position to x = 120 , y = 50 |
| 3 | Set pen colour to 30 |
| 4 | Pen Down |
| 5 | Move 5 steps |
| 6 | Turn right 36 degrees |
| 7 | Repeat steps three and four 10 times |
| 8 | Pen up |
| 9 | Stop program |

1. Open Scratch.
2. Write a program in scratch using appropriate blocks.
3. Follow the sequence of block.
4. Save your Scratch Program with your name - Class.

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| **RUBRIC FOR SCRATCH PROGRAM.** |
|  | 1 | 2 | 3 |
| Able to insert spreadsheet |  |  |  |
| Able to identify data type |  |  |  |
| Able to insert chart in excel |  |  |  |
| Able to Save |  |  |  |
| **Key**: 1. Needs more opportunity to develop this skill.
2. Beginning to demonstrate this skill.
3. Has achieved this skill.
 |

3) Write an algorithm for given Scratch program.

 

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4) Create a table as follows :



1. Open MS Excel.
2. Create above spreadsheet in excel.
3. Which type of data is seen in the table? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Insert the best suitable chart that fits to this data.
5. Save your document as Yourname-Class.

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| **RUBRIC FOR CREATING SPREADSHEET AND INSERTING CHART.** |
|  | 1 | 2 | 3 |
| Able to insert spreadsheet |  |  |  |
| Able to identify data type |  |  |  |
| Able to insert chart in excel |  |  |  |
| Able to Save |  |  |  |
| **Key**: 1. Needs more opportunity to develop this skill.
2. Beginning to demonstrate this skill.
3. Has achieved this skill.
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