

CHAPTER - 6 PROGRAMMING IN SCRATCH

classmate

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REVIEW

Name the following-

1. It is the infinite looping block.

Forever block

2. It is a conditional block.

If-then block

3. It is again a looping block

Repeat until block.

EXERCISES

A. Tick the correct option.

1. Operators blocks are _____ in color.

a. Light green b. Light blue c. Yellow

2. A _____ is a placeholder which contains a value which changes during the execution of a program.

a. Constant b. Variable c. Operator

3. _____ block is used to detect the input entered by the keyboard while executing the script.

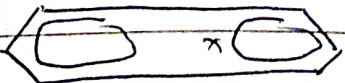
a. Motion b. Sensing c. Operators

B. Complete the sentences using the words given in the box-

1. The sensing block palette has Light Blue color coded blocks.

2. The blocks in operators block category are round in shape.

3. When word is saved in variable, it is called a string variable.

4.  blocks reports False if the first variable is greater than the second value.

- C. Write T for True and F for False statements -
1. You cannot change the data in the variable during program execution. [F]
 2. There are 20 blue color-coded blocks in the sensing block. [F]
 3. Operator blocks are light green in color. [T]
 4. A computer does not follow a program that is a set of instructions to get the desired output. [F]

D. Answer the questions given below-

2. What is the purpose of Sensing blocks in Scratch?

Ans- Sensing block is used to detect the output entered by the keyboard while executing the script.

3. Write the uses of Conditional block in programming?

Ans- A computer follows a program that is a set of instructions to get the desired output. You can apply various conditions in a program. For this you can use the control block. This block contains the various conditional blocks which include "if", "forever if", "if else" etc.

4. What is operators block & explain the kinds of operations it performs?

Ans-

- Operators block are used to perform mathematical operations such as addition, multiplication etc.
- Blocks of this category are round in shape and light green in color. These blocks are used in combination with other blocks.