

Class : VIII

Topic : Using loops in MakeCode.

Month : November

I Answer the following:

1. What are the different types of loops?

Ans: The different types of loops are:

- * The while loop

- * The for loop, and

- * The nested loop.

2. What are the four components of while-loop?

Ans: The four components of the while loop are: Initialisation, Condition, Step value, loop body.

3. Define exit criteria.

Ans: In a loop, there must be terminating condition, which should meet false so that the block of code should exit from the loop. To make sure that the block of code does not enter into an infinite loop, it is important to add exit criterion in the loop.

4. What is a break statement?

Ans: The break statement is used with the for loop when a certain condition is met.

II Competency-based question:

1. Seema has written codes that run endlessly. Which criteria should she use in her loop to make sure that the block of code does not enter into an infinite loop?

Ans: Exit criteria.