

Class: VII

Topic: Turtling with python - Introduction to functions and Libraries in python.

I Answer the following: (Short Answers)

1. what is a function in python?

Ans: A function is a named set of steps designed to perform a specific task or work.

2. what is the use of def keyword?

Ans: A def keyword is used to define a function in python.

3. what is the difference between defining and calling a function?

Ans: Defining a function creates the function and specifies its instructions whereas calling a function executes those instructions.

II Answer the following: (Long Answers)

1. Write the difference between inbuilt and user-defined functions.

Ans: Inbuilt functions are already defined in python and can be used directly.

Examples are `int()`, `print()`, and `type()`.

User-defined functions are created by the programmer using the `def` keyword according to their requirements.

III Competency Based Questions:

2. A student uses `sqrt(36)` but the program shows an error. What did he forget to do?

Ans. The student forgot to import the `math` module. The correct code is `math.sqrt()` after using `import math`.