Adityaprava Sen

2nd Year CSE

Roll-56

Questionnaires

3.

Output- 252525

4.

The Pythonic way to implement switch statement is to use the powerful dictionary mappings, also known as associative arrays, that provide simple one-to-one key-value mappings.

Here’s the Python implementation of the above switch statement. In the following example, we create a dictionary named switcher to store all the switch-like cases.

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def switch\_demo(argument):

switcher = {

1: "January",

2: "February",

3: "March",

4: "April",

5: "May",

6: "June",

7: "July",

8: "August",

9: "September",

10: "October",

11: "November",

12: "December"

}

print switcher.get(argument, "Invalid month")

In the above example, when you pass an argument to the switch\_demo function, it is looked up against the switcher dictionary mapping. If a match is found, the associated value is printed, else a default string (‘Invalid Month’) is printed. The default string helps implement the ‘default case’ of a switch statement.