PYTHON ASSIGNMENT 5

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Q. **Explain the output of the following snippet, if the inputted value is 25.**

x=input(“Enter a number: ”)

print(x\*3)

Ans: Here the input is treated as a string type since the default variable type in Python is string. Hence when ‘25’ is given as an input into x,it is treated as a string and not a number.

So in the output the value of x which is 25 is appended 3 times.

OUTPUT: 252525

Q. **Explain, with an example, how an equivalent of switch case be implemented in Python.**

**Ans:** Python does not have a switch case statement . To go around it, we can use dictionary mapping.

def switch\_days(day):

switcher = {

1: “Sunday”

2: “Monday”

3: “Tuesday”

4: “Wednesday”

5: “Thursday”

6: “Friday”

7: “Saturday”

}

print switcher.get(day, “Invalid Day”)