

**Modern Public School
Sec-37 , Faridabad
Holiday Homework
CLASS- XI**

Q1. Who developed python and when?

Q2. Why is python so popular?

Q3. What is the difference between interactive mode and script mode in python?

Q4. Find the output generated by the following code:

i) <code>x=2</code> <code>y=3</code> <code>x+=y</code> <code>print(x, y)</code>	ii) <code>x=8</code> <code>y=2</code> <code>x+=y</code> <code>y-=x</code> <code>print(x, y)</code>
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Q5. Identify the error in the following python statement:

```
>>>print ("My name is" , first _name)
```

Write the corrected statement also.

Q6. What is the difference between an expression and a statement in Python ?

Q7. What will be the output produced by the following code?

```
name= 'Neeru'  
age = 21  
print(name , " you are" , 21, " now but" , )  
print("you will be " , age+1 , " next year" )
```

Q8. Write a program to obtain temperature in Celsius and convert it into Fahrenheit using the formula: $F=C*9/5+32$

Q9. Write a python code to calculate and display the selling price of an item.

Q10. Write a python code to calculate the sum and average of three numbers?