PYTHON WORK SHEET

1. Which of the following operators is used to calculate remainder in a division?

Ans) c %

2. In python 2//3 is equal to?

Ans B) 0

. 3 In python, 6<<2 is equal to?

Ans) 24

4 In python, 6&2 will give which of the following as output?

Ans) 2

.5 In python, 6|2 will give which of the following as output?

Ans) d) 6

6 What does the finally keyword denotes in python

Ans B) It encloses the lines of code which will be executed if any error occurs while executing the lines of code in he try block.

. 7 What does raise keyword is used for in python?

Ans) It is used to raise an exception.

8. Which of the following is a common use case of yield keyword in python?\

A ns)) in defining a generator

9. Which of the following are the valid variable names?

) _abc

10 Which of the following are the keywords in python

D) all of the above

11. Write a python program to find the factorial of a number

print(9*8*7*6)

12 def factorial(n):

  fact=1

  for i in range(2,n+1):

    fact = fact*1

```
      return fact
 13  num=6
print("factorial of",num,"is",factorial(num))

def factorial(n):

   fact=1

   for i in range(2,n+1):

      fact = fact*1

      return fact
 14  num=6
print("factorial of",num,"is",factorial(num))


Enter the length:20
Enter the width:30
Area: 300.0




 15  str = "apple"
print("given string",str)

res ={}

res={n:str.count(n) for n in set(str)}

print("frequency of each charactyter:\n",res)
```