Questions	PYTHON WORKSHEET Answers
Q1	**C** ANS: (%)
Q2	**B** ANS: (0)
Q3	**C** ANS: (24)
Q4	**A** ANS: (2)
Q5	**D** ANS: (6)
Q6	**C** ANS: (the finally block will be executed no matter if the try block raises an error or not.)
Q7	**A** ANS: (It is used to raise an exception.)
Q8	**C** ANS: (in defining a generator)
Q9	**A AND C** ANS: (_abc) AND (abc2)
Q10	**A AND B** **ANS:(** yield) AND (raise)
| Q11 | **Write a python program to find the factorial of a number.**<br><br>```python
def factorial(n):
   if n==0:
      return 1
   else:
      return n * factorial(n-1)
n =int(input("input a number to compute the factorial="))
print("factorial of ",n,"is",factorial(n))
``` |
| Q12 | **Write a python program to find whether a number is prime or composite.**<br><br>```python
a=int(input('enter the number'))
while True:
   b=list(range(2,a))
   for i in b:
      if a%i==0:
         print(a,'is not a prime number')
      else:
         print(a,'is a prime number')
      break
   break
``` |
| Q13 | **Write a python program to check whether a given string is palindrome or not.¶**<br>```python
str1=input('enter the string:')
str2=str1[::-1]
if(str1==str2):
   print('the given string is pailndrom')
else:
   print('the given string is not a palindrom')
``` |
| | |

Q14	**Write a Python program to get the third side of right-angled triangle from two given sides.**
	
	def third_side(side1,side2):
	
	  import math as m
	
	  third_side=(m.sqrt(side1**2+side2**2))
	
	  print("the third side right angle=",third_side)
	
	side1=float(input("enter the number="))
	
	side2=float(input("enter the number="))
	
	third_side(side1,side2)

Q15	**Write a python program to print the frequency of each of the characters present in a given string** str3=input('enter the string') for i in str3: print(i,'character repating',str3.count(i))