# Python-Worksheet8

1. C
2. B
3. C
4. A
5. D
6. C
7. A
8. A
9. A,C
10. A,B
11. 
```
num=int(input())
    If num<0:
        print("No Factorial Exist")
    Elif num=0:
         print(Factorial=1)
    else:
        for i in range(1,num+1):
                Factorial=num*i
                print(Factorial)
```
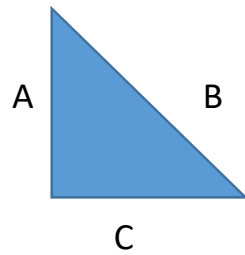12. 
```
num=int(input())

   if num>1:

        for i in range(2,num):

                if num%2==0:

                        print("Composite")

                else:

                        print("Prime")
```
13. 
```
org_string=string(input())

   Str1=org_string[ ::-1]

   if org_string==Str1:

            print("Palindrome")
```

14.



```python
import math
A=int(input("Enter first side"))
B=int(input("Enter the second side"))
C=math.sqrt((A**2)+(B**2))
print(C)
```

```python
15.a=input()
  all_freq={}
  for i in test_str:
        if i in all_freq:
            all_freq[i] += 1
        else:
            all_freq[i] = 1
```