

# class assignment12

August 11, 2019

[23]: *#1.predict output*

```
s1 = 'sudhir'
s2 = 'ssddpp39@gmail.com'
print(len(s2))
print(len(s1))
```

*#output*

18

6

18

6

[23]: 6

[4]: *#2.WAP to input a string and print its lenght*

```
s3 = 'revauniversity bangalor'
print(len(s3))
```

*#output*

23

23

[6]: *#3. WAP to input 2 number and print there sum and diffrent*

```
a =int(input('Enter a first number'))
b =int(input('Enter second number'))
print(a + b)
print(a - b)
```

*#output*

30

10

Enter a first number20  
Enter second number10  
30  
10

[7]: #4. *predict output*

```
s1 = 'ab'  
s2 = 'de'  
s3 = s1 + s2  
print(s3)
```

*#output*

abde

abde

[8]: #5. *predict output*

```
s1 = 'ab'*4  
print(s1)
```

*#output*

ababab

abababab

[9]: #6. *predict output*

```
s1 = 'ab\n'*4  
print(s1)
```

*#output*

ab

ab

ab

ab

ab

ab

ab

ab

[11]: #7. *WAP to input a string s and n print string n time on the screen each should*  
*→ appear in a separate line*

```

n =10
s = 'sudhir'*5
print(s)

#output
sudhirsudhirsudhirsudhirsudhir

```

sudhirsudhirsudhirsudhirsudhir

```

[12]: #8. predict output
res =print('Sudhir')
print(res)

#output
sudhir
none

```

Sudhir  
None

```

[13]: #9. predict output
res =len('ssddpp399@gmail.com')
print(type(res))

#output
#<class, 'int'>

```

<class 'int'>

```

[16]: #10.predict output
s1 = 'Sudhir'
s2 = 'ab'
s3 = s1 + '\n' + s2
print(type(s3))
print(len(s3))

```

```

File "<ipython-input-16-ad16926fed78>", line 2
s1 = 'Sudhir'
^

```

IndentationError: unexpected indent

[17]: *#16. what is the output of this code when run from python interpreter\*  
*print(\_name\_)*

```
-----  
  
NameError                                Traceback (most recent call last)  
  
<ipython-input-17-9725172377d9> in <module>  
    1 #16. what is the output of this code when run from python interpreter\  
----> 2 print(_name_)  
  
NameError: name '_name_' is not defined
```

[18]: *#17. predict the output*

```
print(_builtins._name_)  
print(int._name_)
```

```
-----  
  
NameError                                Traceback (most recent call last)  
  
<ipython-input-18-9082ba3a321e> in <module>  
    1 #17. predict the output  
    2  
----> 3 print(_builtins._name_)  
    4 print(int._name_)  
  
NameError: name '_builtins_' is not defined
```

[19]: *a =2*  
*b =3*  
*print(a + b)*

5

[20]: *#18.Find the name of function to find the square root*  
*x =12*  
*print(floor sqrt(x))*

```
File "<ipython-input-20-0e48a5c69a6e>", line 3
print(floor sqrt(x))
      ^
```

SyntaxError: invalid syntax

```
[21]: #14.WAP input 4 number from user and print there avg
a =int(input('Enter first number'))
b =int(input('Enter second number'))
c =int(input('Enter 3rd number'))
d =int(input('Enter 4rth number'))
e= a + b + c + d
print(e/4)
```

```
Enter first number10
Enter second number20
Enter 3rd number30
Enter 4rth number40
25.0
```

```
[22]: # Python Program to calculate the square root

# Note: change this value for a different result
num = 8

# uncomment to take the input from the user
#num = float(input('Enter a number: '))
num_sqrt = num ** 0.5
print('The square root of %0.3f is %0.3f'%(num ,num_sqrt))
```

```
The square root of 8.000 is 2.828
```

```
[ ]:
```