Code

In [5]:
```python
print('"My','Name','Is','James"',sep='**')
```

"My**Name**Is**James"

In [10]:
```python
# print(sep='--', 'Ben', 25, 'California')

"""
REASON: Python should now what to do with print() and sep=''
should be last
"""

print('Ben', 25, 'California',sep='--')
```

Ben--25--California

In [11]:
```python
print('Python ', end='//')
print(' is for ', end='//')
print(' Programming Lovers', end='//')
```

Python // is for // Programming Lovers//

In [12]:
```python
"""
In Python3, Whatever you enter as input, the input() function
converts it into a string. [True / False]

Ans: True.
"""

int_x = input("Enter int value: ")
str_y = input("Enter String value: ")
print(f"type of {int_x} is {type(int_x)}: ,type of {str_y} is {type(str_y)}: ")
```

Enter int value: 10
Enter String value: abc
type of 10 is <class 'str'>: ,type of abc is <class 'str'>:

In [17]:
```python
s = 'foo'
t = 'bar'
"""
s+t = foobar
2*(s+t) = foobarfoobar
"""
print('barf' in 2 * (s + t))
```

True

In [19]:
```python
# print(int('foo')) ->leads to Value error
"""
Reason: We can't pass String value to int function. So it results in ValueError
Corrected one is:
"""
print(str('foo'))
```

foo

In [21]:
```python
# print(int('143.25')) -> leads to ValueError
"""
Reason: We can't pass String value/ Quoted values as a argument to int function. So it results in ValueError
Corrected one is:
"""
print(int(float('143.25')))
```

143

In [31]:
```python
"""
-18.5/4 = -4.62g -> -18.5//4=-5 (-5<-4.625)
"""
print(-18.5//4, 18//4.5, 18//-4)
```

-5.0 4.0 -5

In [39]:
```python
print( ( ( 2 * ( 3 ** 3 ) ) * 4 ) )
```

216

In [43]:
```python
print( ( 2 ** (3 ** 2) ) )
```

512

In [46]:
```python
print(( 5 + ( (4 * 9) % (3 + 1) ) // 6 )- 1 )
```

4

In [50]:
```python
str1 = 'Ault\'Kelly'
str2 = """Ault'Kelly"""
str3 = 'Ault\\'Kelly'
"""
```

```
str3 is wrong because, 'Ault\\'Kelly'-string uses same quotation mark for both ending and mid quotation symbol.
Corrected str3: str3="Ault\\'Kelly"
"""
str4 = "Ault'Kelly"
```

In [51]: `print(type(0xFF))`

```
<class 'int'>
```

In [52]:
```python
c="Hi"
d=c
d+="students"
print(c)
print(d)
```

```
Hi
Histudents
```

In [54]: `p = 'pyhton'; t = 'programming'; print( p + t*2)`

```
pyhtonprogrammingprogramming
```