In [2]:
```python
#lambda functions
x=lambda a:a+10
print(x(5))
```

15

In [3]:
```python
x=lambda a,b,c:(a+b)*c
print(x(2,4,6))
```

36

In [6]:
```python
x=lambda a,b:(a+b)/(a-b)
print(x(4,2))
```

3.0

In [8]:
```python
def add(a):
    a=a+10
    return a
add(10)
```

Out[8]: 20

In [9]:
```python
x=lambda a:a+10
print(x(10))
```

20

In [10]:
```python
l = [1,2,3,4,5,6,7]
newl = list(filter(lambda x:x%2==0,l))
print(newl)
```

[2, 4, 6]

In [11]:
```python
num = []
for i in range(10):
    num.append(i)
newnum = list(map(lambda x:x+2,num))
print(newnum)
```

[2, 3, 4, 5, 6, 7, 8, 9, 10, 11]

In [17]:
```python
s='1 2 3 4'
l=s.split()
m=list(map(int,l))
n=list(map(lambda x:x**3,m))
o=list(filter(lambda x:(x%2==0),n))
print(o)
```

[8, 64]

In [21]:

```
  File "C:\Users\AMULYA~1\AppData\Local\Temp/ipykernel_20184/2463261169.py", li
ne 1
    a=lambda i:i(for i in range(10):if i>2:i+2)
              ^
SyntaxError: invalid syntax
```

In [ ]: