1.

data=[2,4,7,8,3,9]

data1=[1,7,6,5,0,3]

data2=[12,4,6,8,3,7]

san=map(lambda x,y,z: x\*y\*z,data,data1,data2)

print(list(san))

O/P:

[24, 112, 252, 320, 0, 189]

2.

obb=["black","orange","white","green","blue"]

var=map(lambda x: x.upper(),obb)

print(list(var))

O/P:

['BLACK', 'ORANGE', 'WHITE', 'GREEN', 'BLUE']

3.

globe=[2,3,5,8,9,11,14]

var=filter(lambda a: a%7==0,globe)

print(list(var))

O/P:

[14]

4.

add=[4,8,12,8,9,10]

add1=[21,44,6,87,12]

value=zip(map(lambda x,y: x+y,add,add1))

print(list(value))

O/P:

[(25,), (52,), (18,), (95,), (21,)]

5.

var=["red","orange","black","green","blue","brown"]

file=filter(lambda a: a[0]=="b",var)

print(list(file))

O/P:

['black', 'blue', 'brown']

6.

x=[3,2,11,15,23,56]

y=[5,23,5,34,78,90]

z=[42,23,15,36,48,12]

var=map(lambda a,b,c: a if a>b and a>c else b if b>c and b>a else c,x,y,z)

data=list(var)

print(data)

O/P:

[42, 23, 15, 36, 78, 90]

7.

var=[54,66,23,42,90]

file1=map(lambda x: x\*\*2,var)

print(list(file1))

O/P:

[2916, 4356, 529, 1764, 8100]