In [8]:
```
G = 6.67*10**-11
M = 6.0*10**24
m = 7.34*10**22
r = 3.84*10**8
F = (G*M*m)/r**2
print (F)
```

```
1.9920979817708333e+20
```

In [3]:
```
G = 6.67*10**-11
M = float(input("Enter the Earth's mass value..."))
m = float(input("Enter the Moon's mass value..."))
r = float(input("Enter the value of Distance..."))
F = (G*M*m)/r**2
print (F)
```

```
Enter the Earth's mass value...6e+24
Enter the Moon's mass value...7.34e+22
Enter the value of Distance...3.84e+8
1.9920979817708333e+20
```

In [7]:
```
a = 54
b = 100
c = a
d = b
a = b
b = c
print (a)
print (b)
```

```
100
54
```

In [11]:
```
a = 13
b = 45
a , b = b , a
print (a)
print (b)
```

```
45
13
```

In [10]:
```
a = int(input("Enter any number..."))
b = int(input("Enter another number..."))
c = a
d = b
a = b
b = c
print (a)
print (b)
```

```
Enter any number...100
Enter another number...54
54
100
```

In [3]:
```
a = int(input("Enter any number..."))
b = int(input("Enter another number..."))
for i in range(a):
    print (b)
```

```
Enter any number...4
Enter another number...45
45
45
45
45
```

In [ ]:

In [ ]: