

```
#a = "ram is a very good boy."
#print(a.capitalize())
#print(a.title())
#a = "RaM"
#print(a.swapcase())
#a = "Payal is a good human being "
#print(a.replace("is", "are"))
#b = a.split()
#print(type(b))
#a = {"name": "payal"}
#print(type(a))
```



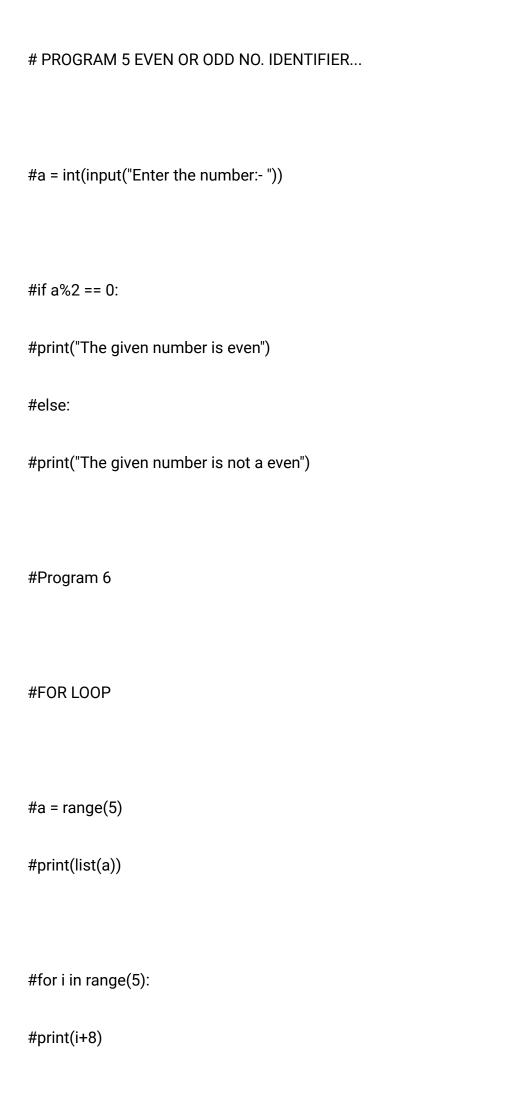
#COMPELX NUMBERS

```
\#a = 9 + 7j
#print(type(a))
#LISTS
#MUTABLE(CHANGE AFTER)
#ORDERED
#HETEROHENEUS
#a = [1, 2, 3, "INDERJEET", "TRUE", 12.5]
#print(type(a))
#a.append(5)
#print(a)
#tuple
#IMMUTABLE(CANNT CHANGE)
#ORDERED
#Heterigeneus
```

```
#b = (1, "hello", 12.5)
#print(type(a))
#c = list(b)
#d = c.append(8)
#print(c.append("abkyahoga"))
#print(type(c))
#print(d)
#print(7+7)
# program 2
#a = 5
\#b = 6
# print(a+b)
```

#correct form

```
#a = 5
\#b = 6
#print(a+b)
# PROGRAM 3 FIND THE DIST. BETWEEN TWO POINTS.
#import math
#x1 = int(input("Enter the value of x1:- "))
#x2 = int(input("Enter the value of x2:- "))
#y1 = int(input("Enter the value of y1:- "))
#y2 = int(input("Enter the value of y2:- "))
\#dist = math.sqrt((x2-x1)**2 + (y2-y1)**2)
#print(dist)
```



```
#a = ["Ram", "Shyam", 7.7]

#for i in a:

#print(i)
```

PROGRAM 7 REVERSE COUNTDOWN.

```
#a = int(input("Enter the number:- "))
#while a>=0:
#print(a)
```

#a = a - 1