

#Our today's topic is about string method and Other data types.

In this lesson we will learn about the different method of strings.

#Methods are use to manipulate the data.

#Following are the different methods:-

#1.upper()

#2.lower()

#3.capitalize()

#4.title()

#5.swapcase()

#6.replace()

#7.split(), divide the string into the list

#8.index()

#9.count()

#10.isalpha()

#11.isnumeric()

```
#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))
```

```
#a = "my name is gautam kuamar. I am 5 year old. I like to play cricket."
```

```
#print(a.count("I"))
```

```
#a = "shyam10"
```

```
#print(a.isalpha())
```

```
#a = input("Enter you name:- ")
```

```
#print(a.isalpha())
```

```
#STRING METHOD.....
```

```
#b = "123456"
```

```
#print(b.isnumeric())
```

```
#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)
```

```
# PROGRAM 5 EVEN OR ODD NO. IDENTIFIER...
```

```
#a = int(input("Enter the number:- "))
```

```
#if a%2 == 0:
```

```
#print("The given number is even")
```

```
#else:
```

```
#print("The given number is not a even")
```

```
#Program 6
```

```
#FOR LOOP
```

```
#a = range(5)
```

```
#print(list(a))
```

```
#for i in range(5):
```

```
#print(i+8)
```

```
#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
```


