

In [1]:

```
print("Hello world")
```

Hello world

In [2]:

```
print("I am Amol")
```

I am Amol

In [3]:

```
print("Hello world",end=",")      #end is new line character.  
print("Good morning")
```

Hello world,Good morning

In [4]:

```
print("How are you",end="-")  
print("I am fine")
```

How are you-I am fine

In [5]:

```
print("c:\ram")
```

am

In [6]:

```
print("c:\nram")      # \n- forward slash take n
```

c:
ram

In [7]:

```
print("c:\\ram")      # use double slash we get as it print
```

c:\ram

In [8]:

```
print("c:\\nram")
```

c:\nram

In [9]:

```
print("I am a boy\n good boy\t1")      # \n -new line      #\t- space is coming in code
```

I am a boy
good boy 1

In [10]:

```
var1="Hello world"  #string value
print(var1)
print(type(var1))
```

```
Hello world
<class 'str'>
```

In [11]:

```
var2=4              #int value
print(var2)
print(type(var2))
```

```
4
<class 'int'>
```

In [12]:

```
var3=47.4           #float value
print(var3)
print(type(var3))
```

```
47.4
<class 'float'>
```

In [13]:

```
var1=56
var2=43
print(var1+var2)
```

```
99
```

In [14]:

```
var1="56"
var2="54"
print(var1+var2)
```

```
5654
```

In [15]:

```
var1="50"
var2="45"
print(int(var1)+int(var2))
```

```
95
```

In [16]:

```
print(20*"Hello world")
```

```
Hello worldHello worldHello worldHello worldHello worldHello worldHello worl
dHello worldHello worldHello worldHello worldHello worldHello worldHello wor
ldHello worldHello worldHello worldHello worldHello worldHello world
```

In [17]:

```
print(20*"Hello world\n")
```

```
Hello world
Hello world
Hello world
Hello world
Hello world
Hello world
Hello world
Hello world
Hello world
Hello world
Hello world
Hello world
Hello world
Hello world
Hello world
Hello world
Hello world
Hello world
Hello world
Hello world
Hello world
```

In [18]:

```
print("Enter your number")
ab=input()
```

```
Enter your number
34
```

In [19]:

```
print("Enter your mark")
an=int(input())
```

```
Enter your mark
32
```

In [20]:

```
#add two numbers & value taken by users
print("Enter the number first")
n1=input()
print("Enter the number second")
n2=input()
print(n1+n2)
```

```
Enter the number first
45
Enter the number second
67
4567
```

In [21]:

```
print("Enter the number first")
n1=input()      # n1 is variable & n2 is also a variable then adding this variable use int
print("Enter the number second")
n2=input()
print(int(n1)+int(n2))
```

Enter the number first
89
Enter the number second
56
145

In [24]:

```
# string slicing
str="Amol is very kind person"
print(str[5])
```

i

In [26]:

```
str="Amol is very kind person"    # range is always n-1
print(str[0:6])
```

Amol i

In [28]:

```
str="Amol is very kind person"
print(str[15])
```

n

In [30]:

```
str="Amol is very kind person"
print(str[0:15])
```

Amol is very ki

In [32]:

```
str="Amol is very kind person"
print(len(str))
```

24

In [33]:

```
str="Amol is very kind person"
print(str[0:24])
```

Amol is very kind person

In [34]:

```
str="Amol is very kind person"
print(str[0:24:2])           # Last range position shows that skipping the 2 alphabete
```

Amol is very kind person

In [35]:

```
str="Amol is very kind person"
print(str[:])
```

Amol is very kind person

In [36]:

```
str="Amol is very kind person"
print(str[0:])
```

Amol is very kind person

In [37]:

```
str="Amol is very kind person"
print(str[0:2344])
```

Amol is very kind person

In [38]:

```
str="Amol is very kind person"
print(str[:24])
```

Amol is very kind person

In [39]:

```
str="Amol is very kind person"
print(str[:20])
```

Amol is very kind pe

In [40]:

```
str="Amol is very kind person"
print(str[:-1])
```

Amol is very kind perso

In [42]:

```
str="Amol is very kind person"
print(str[-10:-1])
```

ind perso

In [46]:

```
str="Amol is very kind person"  
print(str[::-1])      # your variable is reverse direction
```

nosrep dnik yrev si lomA

In [45]:

```
str="Amol is very kind person"  
print(str[::-3])
```

nr iyvio

In [48]:

```
mystr="Sohel is good boy"  
print(mystr.isalnum())
```

False

In [49]:

```
mystr="Sohelisgoodboy"  # check the boolean  
print(mystr.isalnum())
```

True

In [50]:

```
mystr="Sohel is good boy"  # check the numeric value  
print(mystr.isalpha())
```

False

In [51]:

```
mystr="Sohel is good boy"  
print(mystr.upper())      # all string value is in upper form
```

SOHEL IS GOOD BOY

In [53]:

```
mystr="Sohel IS BAD boy"  
print(mystr.lower())      # all string value is in lower form
```

sohel is bad boy

In [55]:

```
mystr="Sohel is good boy"  
print(mystr.endswith("boy"))  # check the end position of string
```

True

In [56]:

```
mystr="Sohel is good boy"  
print(mystr.endswith("dboy"))
```

False

In [57]:

```
mystr="amol is good boy"  
print(mystr.capitalize()) # string's first letter is capital
```

Amol is good boy

In [59]:

```
mystr="Sohel is good boy"  
print(mystr.count("o")) # check counts of the alphabets
```

4

In [61]:

```
mystr="Sohel is good boy"  
print(mystr.find("good")) # find the position of the string
```

9

In [64]:

```
mystr="Sohel is good boy"  
print(mystr.replace("good","bad")) # replace the string value
```

Sohel is bad boy

In [1]:

```
a=30  
b=35  
c=56  
d=94  
e=a*b  
f=d/a  
g=c-b  
print(a,b,c,d,e,f,g,type(a),type(e),type(f),type(g))
```

30 35 56 94 1050 3.1333333333333333 21 <class 'int'> <class 'int'> <class 'float'> <class 'int'>

In []:

In []:

In []:

