In [1]:

```
#Hello world program
print("RVRJC COLLEGE")
```

```
RVRJC COLLEGE
```

In [2]:

```
#Assign a variable to a value
a="rvrjc college"
print(a)
```

```
rvrjc college
```

In [3]:

```
10*a
```

Out[3]:

```
'rvrjc collegervrjc collegervrjc collegervrjc collegervrjc collegervrjc coll
egervrjc collegervrjc collegervrjc collegervrjc college'
```

In [14]:

```
print('python\n'*10)
```

```
python
python
python
python
python
python
python
python
python
python
```

In [8]:

```
print ('phanindra\n'*10)
```

```
phanindra
phanindra
phanindra
phanindra
phanindra
phanindra
phanindra
phanindra
phanindra
phanindra
```

In [10]:

```
#Addition of two numbers
a=b=10
print("the addition of two numbers is=",a+b)
```

```
the addition of two numbers is= 20
```

In [15]:

```
# sub of two numbers
a=30
b=20
c=a-b
print(c)
```

```
10
```

In [17]:

```
# multiply of two numbers
a=50
b=40
c=a*b
print(c)
```

```
2000
```

In [1]:

```
# change string to lower to upper
string="phanindra"
string.upper()
```

Out[1]:

```
'PHANINDRA'
```

In [2]:

```
# string concatination
a="bhimavarapu"
b="phanindrareddy"
c=a+b
print(c)
```

```
bhimavarapuphanindrareddy
```

In [3]:

```
#acsesing first element of a given string
a="bhima
```

Out[3]:

```
'b'
```

In [4]:

```
#accesing last element of a given string
a="bhimavarapu"
a[-1]
```

Out[4]:

```
'u'
```

In [6]:

```
 #length of a given string
a="phanindra"
print(len(a))
```

```
9
```

In [7]:

```
a[2:5]
```

Out[7]:

```
'ani'
```

In [8]:

```
#dynamic values values addition
a=10
b=40
c=a+b
print(c)
```

```
50
```

In [10]:

```
a=int(input("ENTER A VALUE"))
b=int(input("ENTER A VALUE"))
c=a+b
print("addition of two numbers A&B is:",c)
```

```
ENTER A VALUE40
ENTER A VALUE80
addition of two numbers A&B is: 120
```

In [11]:

```
a=int(input("ENTER A VALUE"))
b=int(input("ENTER A VALUE"))
c=a-b
print("substraction of two numbers A&B is:",c)
```

```
ENTER A VALUE40
ENTER A VALUE89
substraction of two numbers A&B is: -49
```

In [12]:

```
a=int(input("ENTER A VALUE"))
b=int(input("ENTER A VALUE"))
c=a*b
print("multiplication of two numbers A&B is:",c)
```

```
ENTER A VALUE80
ENTER A VALUE45
multiplication of two numbers A&B is: 3600
```

In [ ]:

```
a=int(input("ENTER A VALUE"))
b=int(input("ENTER A VALUE"))
c=a/b
print("division of two numbers A&B is:",c)
```

In [ ]:

```
a=int(input("ENTER A VALUE"))
b=int(input("ENTER A VALUE"))
c=a/b
print("division of two numbers A&B is:",c)
```

In [2]:

```
a=int(input("ENTER A VALUE"))
b=int(input("ENTER A VALUE"))
c=a/b
print("division of two numbers A&B is:",c)
```

```
ENTER A VALUE90
ENTER A VALUE50
division of two numbers A&B is: 1.8
```

In [3]:

```
#how to print the multiplication table
n=12
for i in range (1,11):
    print (n,'*',i,'=',n*i)
```

```
12 * 1 = 12
12 * 2 = 24
12 * 3 = 36
12 * 4 = 48
12 * 5 = 60
12 * 6 = 72
12 * 7 = 84
12 * 8 = 96
12 * 9 = 108
12 * 10 = 120
```

#how to print the multiplication table

n=25 for i in range (1,11): print (n,''*i,'='*n*i)

*this is a command

*this is a second command

*this is a third command

python operations

operators are used to perform operations on variables and values

assignment operator

comparison operator

logical operator

In [1]:

```
print(10-5)
```

```
5
```

In [2]:

```
print(10+5)
```

```
15
```

In [3]:

```
print(10*5)
```

```
50
```

In [4]:

```
print(10**5)
```

```
100000
```

In [5]:

```
print(10/5)
```

```
2.0
```

In [1]:

```
x=80
y=90
if(x==y):
    print("yes")
else:
    print("no")
```

```
no
```

x=80 y=90 if(x==y): print("yes") else: print("no")

In [8]:

```
x=5
print(x>3 and x<10)
type (x)
```

```
True
```

Out[8]:

```
int
```

python data-base:

integer_int()

< it holds the integer values

string_str()

< it holds the string values

float_float()

In [1]:

```
for i in range(11):
    print(i,end="")
```

```
012345678910
```

In [ ]:

```
to give step value to print the odd numbers from starting number 1 ending number
```

to print the odd numbers from 1 to 100 by using for loop

In [2]:

```
for i in range(1,100,2):
    print (i,end=" ")
```

```
1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53
55 57 59 61 63 65 67 69 71 73 75 77 79 81 83 85 87 89 91 93 95 97 99
```

to print the 0 to 50 elements

In [ ]:

```
n=int(input("enter anatural number size"))
for i in range (1,n+1):
    print(i,end=" ")
```

In [ ]:

```
n=int(input("enter a natural number size"))
for i in range (1,n+1):
    print(i,end=" ")
```

In [ ]:

```
n=int(input("enter a natural number size"))
for i in range (1,n+1):
    print(i,end=" ")
```

In [ ]:

```
n=int(input("enter a natural number size"))
for i in range (1,n+1):
    print(i,end=" ")
```

break statement example in python

In [1]:

```
for i in 'apssdc':
    if i=='d':
        break
    else:
        print(i,end=" ")
```

```
a p s s
```

In [5]:

```
import calendar
year =2022
month =10
print(calendar.month(year,month))
```

```
    October 2022
Mo Tu We Th Fr Sa Su
                1  2
 3  4  5  6  7  8  9
10 11 12 13 14 15 16
17 18 19 20 21 22 23
24 25 26 27 28 29 30
31
```

In [1]:

```
n1=int(input("enter n1 values:"))
n2=int(input("enter n2 values:"))
def add(a,b):
    c=a+b
    return c
add(n1,n2)
```

```
enter n1 values:10
enter n2 values:10
```

Out[1]:

```
20
```

In [2]:

```
n1=int(input("enter n1 values:"))
n2=int(input("enter n2 values:"))
def sub(a,b):
    c=a-b
    print (c)
sub(n1,n2)
```

```
enter n1 values:20
enter n2 values:13
7
```

In [ ]:

```
#git is a local system
#github is a remote system
 so what is the use of git
```

In [ ]:

```

```

In [ ]:

```

```

In [ ]:

```

```

In [ ]:

```

```