In [2]:
```
a=10
b=20
b/a
```

Out[2]: 2.0

```
# heading 1
## heading 2
### headings 3
#### headings 4
##### headings 5
###### headings 6
```

heading 1
heading 2
headings 3
headings 4
headings 5
headings 6

```
*siva sai* italic txt

**siva sai** bold txt

***SRK Institute of Technology***
```

siva sai italic txt

siva sai bold txt

SRK Institute of Technology

```
- first line
    - subline
        - sub sub line
            - fourth
- second line
```

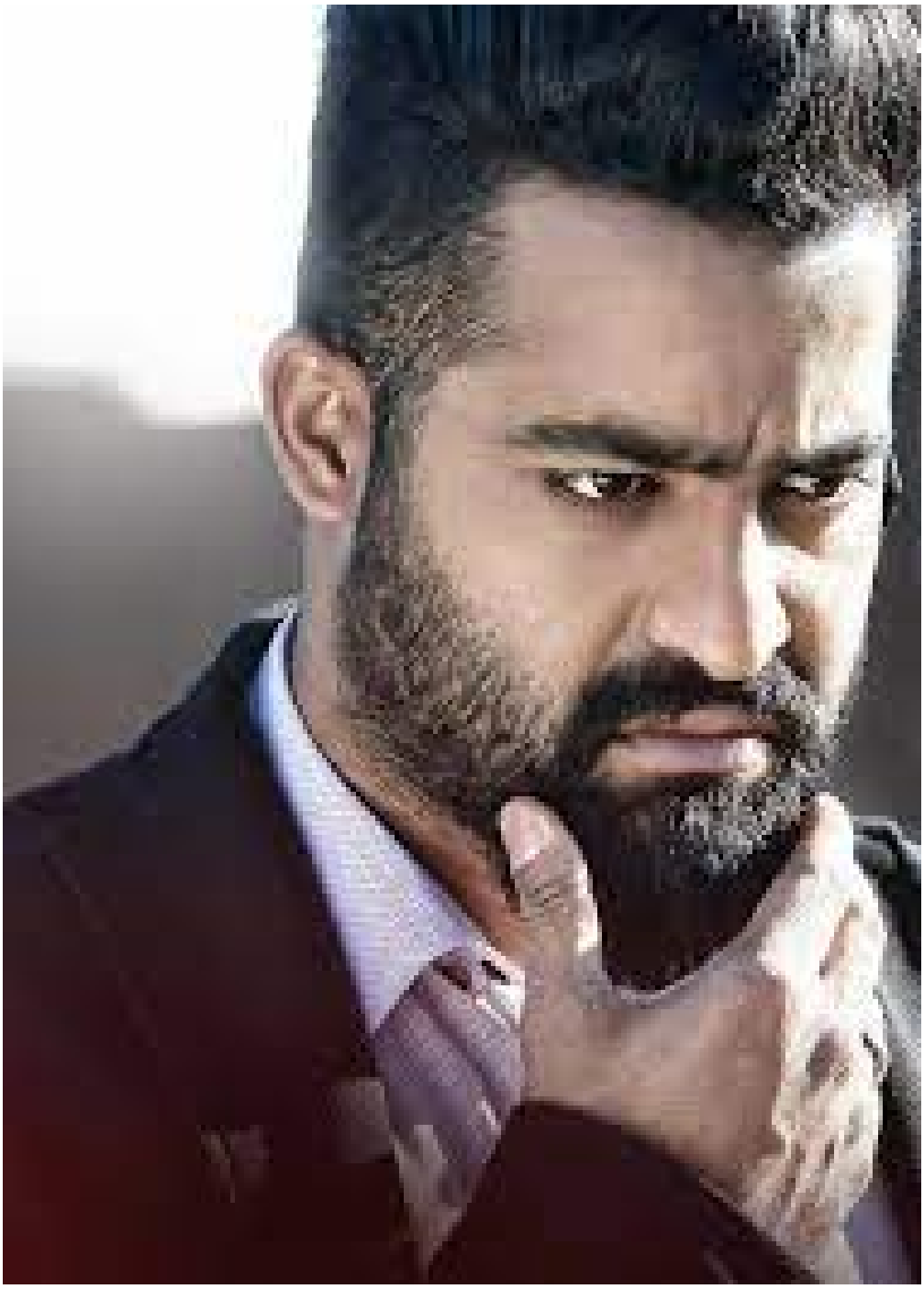
- first line
    - subline
        - sub sub line
            - fourth
- second line

```
#### hyperlinks
- [Instagram](https://www.instagram.com/)
```

hyperlinks
- [Instagram](https://www.instagram.com/)

```
<p>Welcome to SRKIT</p>
<p style='color:yellow'>siva sai<\p>
<h3 style="background-color:red;color:blue;text-align:center">Siva Sai</h3>
```

Welcome to SRKIT
siva sai<\p>
<h3 style="background-color:red;color:blue;text-align:center">Siva Sai</h3>



welocome message

print() is the predefined function used to display /print the output to the user

In [4]:
```
print('welcome')
```

```
welcome
```

In [5]:
```
print("welcome to srk it")
```

```
welcome to srk it
```

In [6]:
```
print('''My Self K V Siva Sai''')
```

```
My Self K V Siva Sai
```

In [7]:
```
print(8)
```

```
8
```

In [9]:
```
print("hello my name is **siva sai**")
```

```
hello my name is **siva sai**
```

hello my name is **siva sai**

PYTHON PROGRAMMING

```
#### Types of Errors
- an invalid statement in the program called as error
- 3 types of errors
    1. syntax error
        - error related to syntax
    2. value error
        - type error,name error,value error,file not found error,key error
etc..
    3. indentation error
        - error related to space
```

In [10]:
```
21+14
```

Out[10]: 35

In [11]:
```
"anudeep"+"priya"
```

Out[11]: 'anudeeppriya'

In [12]:
```
"vagesh"+"linux"
```

Out[12]: 'vageshlinux'

In [13]:
```
9+"siva"
```

```
---------------------------------------------------------------------------
TypeError                                 Traceback (most recent call last)
Input In [13], in <cell line: 1>()
----> 1 9+"siva"

TypeError: unsupported operand type(s) for +: 'int' and 'str'
```

In [14]:
```
10-4
```

Out[14]:
```
6
```

In [15]:
```
'hello'-'hii'
```

```
---------------------------------------------------------------------------
TypeError                                 Traceback (most recent call last)
Input In [15], in <cell line: 1>()
----> 1 'hello'-'hii'

TypeError: unsupported operand type(s) for -: 'str' and 'str'
```

In [16]:
```
5*4
```

Out[16]:
```
20
```

In [17]:
```
5*'h'
```

Out[17]:
```
'hhhhh'
```

In [18]:
```
5*"SAI"
```

Out[18]:
```
'SAISAISAISAISAI'
```

In [20]:
```
print("s\ni\nv\na")
```

```
s
i
v
a
```

In [21]:
```
print(*'NTR',sep=',')# seperate operator
```

```
N,T,R
```

In [22]:
```
# comma seperated chars of your name
print(*'SRKIT',sep=",",end=".")
```

```
S,R,K,I,T.
```

In [23]:
```
print('student',sep=',')
```

```
student
```

In [24]:
```
print(*'student',sep=',')
```

```
s,t,u,d,e,n,t
```

In [26]:
```
print('hello')
```

```
hello
```

In [ ]:
```

```