In [3]:
```
int = 5
float = 2.5
str = "kavya"
print(int)
print(float)
print(str)
```

```
5
2.5
kavya
```

In [5]:
```
int, float, str = 5,2.5,"kavya"
print(int)
print(float)
print(str)
```

```
5
2.5
kavya
```

numeric datatype

In [10]:
```
a = 10
print(a)
```

```
10
```

In [12]:
```
type(a)
```

Out[12]: int

boolean datatype

In [19]:
```
b = True
print(b)
```

```
True
```

In [21]:
```
b1 = False
print(b1)
```

```
False
```

In [23]:
```
print(b)
print(b1)
```

```
True
False
```

In [25]:
```
type(b)
type(b1)
```

Out[25]: bool

In [27]:
```
print(type(b))
```

```
<class 'bool'>
```

In [29]:
```
print(type(b1))
```

```
<class 'bool'>
```

In [31]:
```
bool(0)
```

Out[31]: False

In [33]:
```
bool(1)
```

Out[33]: True

string datatype

In [36]:
```
c = "hello"
print(c)
```

```
hello
```

In [38]:
```
c1 = 'hi'
```

In [40]:
```
print(c1)
```

```
hi
```

In [42]:
```
c1 = ''' hello
             hi'''
print(c1)
```

```
 hello
            hi
```

In [44]:
```
c1 = """ hi
           hello"""
print(c1)
```

```
 hi
          hello
```

In [48]:
```
c1= ('apple '
     'mango '
     'mulberry ')
print(c1)
```

```
apple mango mulberry
```

In [52]:
```
c1 = 'apple '
c1 = c1*2
c1
```

Out[52]: 'apple apple '

In [54]:
```
c1 = 'apple '
c1 = c1*6
c1
```

Out[54]: 'apple apple apple apple apple apple '

In [56]:
```
len(c1)
```

Out[56]: 36

In [58]:
```
c1
```

Out[58]: 'apple apple apple apple apple apple '

In [60]:
```
c
```

Out[60]: 'hello'

In [62]:
```
c[0]
```

Out[62]: 'h'

In [65]:
```
c[4]
```

Out[65]: 'o'

In [67]:
```
c[-1]
```

Out[67]: 'o'

In [69]:
```
c[-3]
```

Out[69]: 'l'

string slicing

In [72]:
```
c
```

Out[72]: 'hello'

In [74]:
```
c[0:4]
```

Out[74]: 'hell'

In [76]:
```
c[0:5]
```

Out[76]: 'hello'

In [78]:
```
c[-4:]
```

Out[78]: 'ello'

In [80]:
```
c[1:3]
```

Out[80]: 'el'

In [84]:
```
c[0:5] = 'hi'
```

```
---------------------------------------------------------------------------
TypeError                                 Traceback (most recent call last)
Cell In[84], line 1
----> 1 c[0:5] = 'hi'

TypeError: 'str' object does not support item assignment
```

In [86]:
```
del c
print(c)
```

```
---------------------------------------------------------------------------
NameError                                 Traceback (most recent call last)
Cell In[86], line 2
      1 del c
----> 2 print(c)

NameError: name 'c' is not defined
```

string concatenation

In [89]:
```
s1 = 'hello'
s2 = 'kavya'
s3 = s1 + s2
print(s3)
```

```
hellokavya
```

In [95]:
```
s1 = 'hello'
s2 = 'kavya'
s3 = s1  + s2
print(s3)
```

```
hellokavya
```

In [97]:
```
d = 10
e = 20
d
e
```

Out[97]: 20

In [99]:
```
d = 10
e = 20
print(d)
print(e)
```

```
10
20
```

print result with string

In [106…
```
num1 = 20
num2 = 30
add = num1+num2
print('The addition of',num1,'and',num2,'is=',add)
```

```
The addition of 20 and 30 is= 50
```

In [108…
```
name = 'kavya'
age  = 20
city = 'hyd'
print('My name is',name,'and i am',age,'years old form',city)
```

```
My name is kavya and i am 20 years old form hyd
```

end statement

In [111…
```
print('hi')
print('hello')
```

```
hi
hello
```

In [113…
```
print('hi', end = '')
print('hello')
```

```
hihello
```

separator

In [116…
```
print('hi','hello',sep='---->')
```

```
hi---->hello
```

In [118…
```
print(3,'.')
```

```
3 .
```

In [120…
```
print(3,'.',sep='')
```

```
3.
```

task assigned

In [1]:
```
age = 18
print(age)
```

```
18
```

In [3]:
```
number = 15
print(number-2)
```

```
13
```

In [5]:
```
e = 'man'
print(e)
```

```
man
```

In [7]:
```
a = 2
b = 2
print(a+b)
```

```
4
```

In [9]:
```
l = 46
b = 35
area = l*b
print(l*b)
```

```
1610
```

In [11]:
```
r = 0.3
pi = 3.14
area = pi*r*r
print(area)
```

```
0.28259999999999996
```

In [13]:
```
a = 'hi'
c =' '
b = 'welcome'
print(a+c+b)
```

```
hi welcome
```

In [ ]:
```

```