

```
In [3]: age=25
print(age)
```

25

declaring a variable

```
In [6]: age=25 # numeric variables holds integers and decimal values
tempature=98.6
```

```
In [8]: #string variables - stores a sequence of characters enclosed in single or double qu
name='rahul'
message='hello,world'
```

```
In [14]: # Boolean variables- only holds the values true or false
is_True=True
is_Talse=False
```

```
In [18]: #List variables- stores a collection of items, which can be of different types
numbers=[1,2,3,4]
fruits=['apple','banana','orange']
```

```
In [20]: # tuple variables
coordinates=(10,20)
```

```
In [24]: #dictionary variables
person={'name':'rahul','age':'25'}
```

```
In [26]: #set variables
unique_numbers={1,2,3}
```

```
In [30]: #none variable
empty_value=None
```

TASK

```
In [33]: a=20
a=20-1
print(a)
```

19

```
In [37]: age=25
print(age)
#update age
age=26
print(age)
```

25

26

```
In [39]: a=23  
b=20  
print(a+b)
```

43

```
In [43]: length=45  
width=76  
area=length*width  
print(area)
```

3420

```
In [45]: pi=3.14
```

```
In [47]: r=8.9  
area=pi*r*r  
print(area)
```

248.71940000000004

```
In [51]: name='bittu'  
name1="bittu"  
print(name1)  
print(name)
```

bittu
bittu

```
In [53]: a='learning'  
b='is fun!'  
print(a,b)
```

learning is fun!

```
In [55]: print(a+b)
```

learningis fun!

```
In [ ]:
```