Various print stmts in python

In [1]:

```
print("Hello....")
```

```
Hello....
```

In [2]:

```
print("Hello","Saranya",sep=' ',end='!!!')
```

```
Hello Saranya!!!
```

In [5]:

```
a="Hello "
b="World"
print(a+b)
```

```
Hello World
```

In [6]:

```
x=11
y=50
print(x,y)
```

```
11 50
```

In [7]:

```
print(11,12,13,sep='\n\n')
```

```
11

12

13
```

In [8]:

```
print("Captain", end=" ")
print("America")
```

```
Captain America
```

In [9]:

```
with open("abc.txt","w") as text_file:
    print("Hey",file=text_file)
```

Place Holders

In [10]:

```
a="%s is the best at work"
print(a)
print(type(a))
```

```
%s is the best at work
<class 'str'>
```

In [11]:

```
x="%s is a great legend"
print(x)
y="IRON MAN"
print(x%y)
```

```
%s is a great legend
IRON MAN is a great legend
```

In [12]:

```
z="IRON MAN is ranked as number one %d hero"
print(z%1)
```

```
IRON MAN is ranked as number one 1 hero
```

In [13]:

```
w="%s is a part of %s"
print(w%("AI","DATA SCIENCE"))
```

```
AI is a part of DATA SCIENCE
```

Formatted strings

In [14]:

```
a = "For only {price:.2f} dollars!, you can get a new phone"
print(a.format(price = 1499))
```

```
For only 1499.00 dollars!, you can get a new phone
```

In [15]:

```
print("All of us are {}.".format('equal'))
```

```
All of us are equal.
```

In [16]:

```
print('{2} {0} {1}'.format('be','careful','plz'))
```

```
plz be careful
```

In [17]:

```
print('a:{a},b:{b},c:{c}'.format(a=50,b="one",c=8.92))
```

```
a:50,b:one,c:8.92
```

In [19]:

```
x="Elsa"
print(f"My name is {x}.")
```

```
My name is Elsa.
```

In [20]:

```
a=90
b=100
print(f"The sum of a and b is {(a+b)}.")
```

```
The sum of a and b is 190.
```

In [22]:

```
s=3.14
print(f"The value of pi is: {s:{1}.{5}}")
```

```
The value of pi is: 3.14
```

Data Types

In [23]:

```
x=50
print(type(x))
```

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

In [24]:

```
x="Saranya"
print(type(x))
```

```
<class 'str'>
```

In [25]:

```
x=3.14
print(type(x))
```

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

In [26]:

```
x=5j
print(type(x))
```

```
<class 'complex'>
```

In [27]:

```
x=range(8)
print(type(x))
```

```
<class 'range'>
```

In [29]:

```
x = {"name" : "Spider", "age" : 36}
print(type(x))
```

```
<class 'dict'>
```

In [30]:

```
x={"Hello","World"}
print(type(x))
```

```
<class 'set'>
```

In [31]:

```
x=True
print(type(x))
```

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

In [32]:

```
x=b"World"
print(type(x))
```

```
<class 'bytes'>
```

String Operations

In [33]:

```
a="hello world"
```

In [35]:

```
b=a.capitalize()
print(b)
```

Hello world

In [36]:

```
print(a.casefold())
```

```
hello world
```

In [38]:

```
print(a.count("hello"))
```

```
1
```

In [40]:

```
x="hello "
y="world"
z=x+y
print(z)
```

```
hello world
```

In [41]:

```
print(a*1)
print(a*2)
print(a*3)
```

```
hello world
hello worldhello world
hello worldhello worldhello world
```