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Random module

python user wants to generate random number use random module

import random module

In [6]:
```
import random
```

1.random.random()

generates a random number between 0.0 to 1.0
random float value

In [4]:
```
random.random()
```

Out[4]: 0.4845209432286386

2.random.randint(start,end)

generate a random integer value
generate a random number between the specified number and also specifie
value

In [7]:
```
random.randint(1,10)
```

Out[7]: 2

3.random.randrange(start,end,step)

generate random value but not include last number

In [9]:
```
random.randrange(1,7)
```

Out[9]: 5

In [11]:
```
random.randrange(1,6,2)
```

Out[11]: 3

4.random.choice()

it will pickup a random element from a iterable sequential object like list, tuple, string

In [12]:
```
obj = ['ram','rahul','das','suman']
random.choice(obj)
```

Out[12]: 'rahul'

In [13]:
```
obj1 = "hellowellcometomyworld"
random.choice(obj1)
```

Out[13]: 'm'

5.random.shuffle()

this method is used to shuffle a sequence (list) . shuffling means changing the possition of the elements of the sequence

In [16]:
```
list1 = ["a","b","c","d","e"]
random.shuffle(list1)
print(list1)
```

```
['d', 'b', 'c', 'a', 'e']
```

In [ ]:
```

```