In [1]:
```
# Package name: random
import random
```

In [3]:
```
# Method name: randint()
random.randint(1,10)
# returns a random integer inbetween from the given set of numbers
# from a given set of range
```

Out[3]:
```
9
```

In [8]:
```
# Method name: random
random.random()
# returns random values between 0 and 1
```

Out[8]:
```
0.9809478684261983
```

In [28]:
```
# Method name: randrange
random.randrange(10)
# Chooses a random value in range of given value
```

Out[28]:
```
1
```

In [30]:
```
# Method name: uniform
random.uniform(2,20)
# returns a random number between the given values in double datatype
```

Out[30]:
```
7.231453298253588
```

In [31]:
```
# Package name: math
import math
```

In [32]:
```
# Method name: sqrt
math.sqrt(36)
# returns square root of given number
```

Out[32]:
```
6.0
```

In [33]:
```
# Method name: pi
math.pi
# returns the values of pi
```

Out[33]:
```
3.141592653589793
```

In [34]:
```
# Method name: pow
math.pow(2, 8)
# returns the power of a number by declaring
# number at a , and power value at b
# a**b
```

Out[34]:
```
256.0
```

In [38]:
```
# Method name: sin
math.sin(1)
# returns the sine value of a given number
```

Out[38]:
```
0.8414709848078965
```

In [42]:
```
# Method name: e
math.e
# returns euler's number
```

Out[42]:
```
2.718281828459045
```

In [43]:
```
# Method name: factorial
math.factorial(3)
# returns the factorial of a given number
```

Out[43]:
```
6
```

In [49]:
```
# Method name: gcd
math.gcd(2,4,52)
# returns the greatest common divisior for the given set of integers
```

Out[49]:
```
2
```

In [50]:
```
# Package name: time
import time
```

In [52]:
```
# Method name: sleep
time.sleep(4)
print("Hello world")
# returns or executes after given set of time in seconds
```

```
Hello world
```

In [53]:
```
# Package name: sys
import sys
```

In [56]:
```
# Method name: version
sys.version
# returns the system version of the python setup
```

Out[56]:
```
'3.11.5 | packaged by Anaconda, Inc. | (main, Sep 11 2023, 13:26:23) [MSC v.1916 6
4 bit (AMD64)]'
```

In [ ]: