lec1_step4

April 12, 2020

```python
In [2]: # Different types of loading methods
        import math

        pi=math.pi

        print(pi)

3.141592653589793
```

```python
In [7]: # module loading with an abbreviation i.e. short name
        import math as mm

        pi=mm.pi

        print(pi)

3.141592653589793
```

```python
In [9]: # How to use various functions in the module
        import math

        pi=math.pi
        x1=math.sin(pi/2)

        print(pi)
        print(x1)

3.141592653589793
1.0
```

```python
In [13]: # Different types of loading methods
         import math

         pi=math.pi
         x1=math.sin(pi/2)
```

```
        x2=math.cos(0)
        x3=math.tan(pi/4)

        print(pi)
        print(x1)
        print(x2)
        print(x3)

3.141592653589793
1.0
1.0
0.9999999999999999


In [14]: # Different types of loading methods
        from math import pi
        from math import sin
        from math import cos
        from math import tan

        #pi=math.pi
        x1=sin(pi/2)
        x2=cos(0)
        x3=tan(pi/4)

        print(pi)
        print(x1)
        print(x2)
        print(x3)

3.141592653589793
1.0
1.0
0.9999999999999999


In [15]: # Different types of loading methods
        from math import *

        #pi=math.pi
        x1=sin(pi/2)
        x2=cos(0)
        x3=tan(pi/4)

        print(pi)
        print(x1)
        print(x2)
        print(x3)
```

```
3.141592653589793
1.0
1.0
0.9999999999999999
```

In [ ]: