```
(base) C:\Users\Owner>mi
'mi' is not recognized as an internal or external command,
operable program or batch file.

(base) C:\Users\Owner>python
Python 3.7.3 (default, Mar 27 2019, 17:13:21) [MSC v.1915 64 bit
(AMD64)] :: Anaconda, Inc. on win32
Type "help", "copyright", "credits" or "license" for more information.
>>> a=10
>>> 10*40
400
>>> a=240
>>> b=1
>>> a|b
241
>>> bin(a)
'0b11110000'
>>> bin(b)
'0b1'
>>> a&b
0
>>> a=1
>>> b=20
>>> a>20
False
>>> a>20 or 10>9
True
>>> a>20 and 10>9
False
>>> m
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
NameError: name 'm' is not defined
>>> 10>9 and 20>m
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
NameError: name 'm' is not defined
>>> 10<9 and 20>m
False
>>>
>>> 10<9
False
>>> 10+10/29*4
11.379310344827587
>>> 10+10/20*4
12.0
>>> 2**-1
0.5
>>> 7/3
2.3333333333333335
>>> 7//3
```

```
2
>>> 10>8>9
False
>>> 10>9>8
True
>>> 10>8 and 10>9
True
>>> b=20
```

```
In [1]: print("Hello")

        Hello
```

```
In [2]: print("Hello \
              Python")

        Hello          Python
```

```
In [6]: a=10
        b=10
        a==b

Out[6]: True
```

```
In [5]: str1 = "pythonprogramming"
        "a" in str1
        "x" not in str1

Out[5]: True
```

```
In [14]: print("hello world")

         hello world
```

```
In [14]: print("hello world")

         hello world
```

```
In [15]: print('hello world')

         hello world
```

```
In [16]: print('python's world')

           File "<ipython-input-16-3f3d487a621e>", line 1
             print('python's world')
                           ^
         SyntaxError: invalid syntax
```

```
In [17]: print("python's world")

         python's world
```

```
In [18]: print("HEllo\a python")

         HEllo□ python
```

```
In [19]: print("Hello\t python")

         Hello     python
```

```
In [20]: print("Hello\n python")

         Hello
          python

In [21]: print('python\'s world')

         python's world

In [22]: Name="Bhagyashree Khune"
         Marks=80
         Age=22
         print("The name of Person is",Name,"Marks is",Marks,"Age is",Age)

         The name of Person is Bhagyashree Khune Marks is 80 Age is 22

In [28]: print("The name of person is %s Marks is %f Age is %d %",(Name,Marks,Age))

         The name of person is %s Marks is %f Age is %d % ('Bhagyashree Khune', 80, 22)

In [27]: print("The Name of Person is %10s Marks is %10f Age is %10d%",(Name,Marks,Age))

         The Name of Person is %10s Marks is %10f Age is %10d% ('Bhagyashree Khune', 80, 22)

In [31]: print(f"The Name of Person is {Name} Marks is {80} Age is {Age}")

         The Name of Person is Bhagyashree Khune Marks is 80 Age is 22
```

```
In [32]: 5**5

Out[32]: 3125
```

```
In [33]: 10+20

Out[33]: 30
```

```
In [34]: 10-20

Out[34]: -10
```

```
In [35]: 10/2

Out[35]: 5.0
```

```
In [36]: 10/3

Out[36]: 3.3333333333333335
```

```
In [37]: 10%3

Out[37]: 1
```

```
In [38]: 10//3
```

```
In [38]: 10//3

Out[38]: 3

In [39]: a=10
         b=20
         a==b

Out[39]: False

In [40]: c=10
         a==c

Out[40]: True

In [41]: c<a

Out[41]: False

In [42]: c<=a

Out[42]: True

In [43]: a>b

Out[43]: False

In [44]: a!=b
```

```
In [44]: a!=b

Out[44]: True

In [46]: a=!b    /invalid syntax

In [47]: a=10
         b=10
         a==b

Out[47]: True

In [7]: a is b

Out[7]: True

In [8]: id(a)

Out[8]: 140710814389344

In [9]: id(b)

Out[9]: 140710814389344

In [10]: x=1.5
         y=1.5
         x==y
```

```
Out[11]: False
```

```
In [12]: id(x)
```

```
Out[12]: 772561004080
```

```
In [13]: id(y)
```

```
Out[13]: 772561004056
```

```
In [48]: a=257
         b=257
         a==b
```

```
Out[48]: True
```

```
In [49]: a is b
```

```
Out[49]: False
```

```
In [50]: id(a)
```

```
Out[50]: 772562208112
```

```
In [51]: id(b)
```

```
Out[51]: 772562208144
```