

```
In [ ]: 1 * is operator
        2 "hello" is string
        3 -87.8 is float
        4 - is minus
        5 / is operator
        6 + is operator
        7 6 is integer
```

```
In [ ]: 1 # variable can store the data values
        2 # string is a collection of characters
        3
```

```
In [ ]: 1 # three data types
        2 # integer in the form of numbers example 1,2,3
        3 # string in the form of characters ex "hello"
        4 # list in the form of collections of different data types
```

```
In [ ]: 1 # expression it is combination of numbers and operators
        2 # ex X+10
```

```
In [ ]: 1 #spam=10
        2 # left side is expression
        3 # right side is statement
```

```
In [1]: 1 bacon = 22
        2 bacon + 1
        3 # bacon contain is 23
        4
```

Out[1]: 23

```
In [2]: 1 x="spam"+"spamspam"
        2 y=3*"spam"
        3 print(x)
        4 print(y)
        5 # Both are same
```

```
spamspamspam
spamspamspam
```

```
In [ ]: 1 # egg is valid variable
        2 # 100 is invalid variable because int not considers for variables
```

```
In [6]: 1 c="I have eaten + 99 + burritos"
        2 c
        3 # both string and int doesn't concatenate, so we put entire sentence in string format
```

Out[6]: 'I have eaten + 99 + burritos'

```
In [ ]: 1
```

