In [1]:
```
#string format func that gives users more control when displaying output
name = 'aziz'
id = 1
print('the name:{} the id:{}'.format(name,id))
```

```
the name:aziz the id:1
```

In [2]:
```
first_name = input('enter your first name:')
last_name = input('enter your last name:')
print('hello mr.{} {}'.format(first_name,last_name))
```

```
enter your first name:Aziz
enter your last name:Alq
hello mr.Aziz Alq
```

In [5]:
```
print('your name is {name} and your id is {id}'.format(name='aziz',id=1))
```

```
your name is aziz and your id is 1
```

In [11]:
```
name = 'aziz'
print('hello {:10} good morning'.format(name))
print('hello {:<10} good morning'.format(name))
print('hello {:>10} good morning'.format(name))
print('hello {:^10} good morning'.format(name))
```

```
hello aziz       good morning
hello aziz       good morning
hello       aziz good morning
hello    aziz    good morning
```

In [19]:
```
#number format
pi = 3.14159
print('the number pi is {}'.format(pi))
print('the number pi is {:.2f}'.format(pi))
print('the number pi is {:.3f}'.format(pi))
number = 1000
print('the number is {:,}'.format(number))
print('the number is {:b}'.format(number))
print('the number is {:e}'.format(number))
```

```
the number pi is 3.14159
the number pi is 3.14
the number pi is 3.142
the number is 1,000
the number is 1111101000
the number is 1.000000e+03
```