

Assignment 1

basic code

```
In [1]: print(40+2345.2)
```

2385.2

```
In [2]: print(int(12345+567.2))
```

12912

```
In [3]: print(-(24-35))
```

11

```
In [4]: print(23-45.7)
```

-22.700000000000003

```
In [7]: print(int(23*34.5))  
print(25**34.45)
```

793

1.442225927376069e+48

```
In [8]: print(float(45*56))
```

2520.0

```
In [9]: print(34/31)
```

1.096774193548387

```
In [10]: print(45%25)
```

20

```
In [11]: print(34%31)
```

3

```
In [12]: print(float(43%31))
```

12.0

```
In [13]: print(type(12))  
print(type(123.234))  
print(type(23+3j))  
print(type("Hyderabad"))  
print(type([1,2,3,4,5,6,7,8]))  
print(type({'name':"bharadwaj"}))  
print(type({345,3}))
```

```
<class 'int'>  
<class 'float'>  
<class 'complex'>  
<class 'str'>  
<class 'list'>  
<class 'dict'>  
<class 'set'>
```

In []: