

PYTHON ASSIGNMENT 1

1. Check the “IS” operator on the float and string.

```
>>> m="xyz"
>>> type(m)
<class 'str'>
>>> n='xyz'
>>> type(n)
<class 'str'>
>>> m is n
True
>>> id(m)
2592602014448
>>> id(n)
2592602014448
>>> a=8.4444
>>> b=8.4444
>>> a is b
False
>>> id(a)
2592601778736
>>> id(b)
2592601778768
>>>
```

Float:

Even if the value of two float variables are same, but they are stored in the two different locations in memory

When we use the ‘is’ operator on float variables it returns the false value

Str:

If the value of two strings are same then their variables located the same memory location.

2. $1 > 3 > 4$

```
>>> 1>3 >4
False
>>> _
```

3. use int(), float(), str() functions

```
>>> a=int(4)
>>> a
4
>>> b="str"
>>> str"b"
  File "<stdin>", line 1
    str"b"
      ^
SyntaxError: invalid syntax
>>> str(b)
'str'
>>>
>>>
>>> b="xys"
>>> str(b)
'xys'
>>>
>>> print(float(4))
4.0
>>>
```