

Python Practical 2 Aim1

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Section: C

Batch: C4

In [1]:

```
set1={1, 2, 3, 4, 5}
print(set1)
```

{1, 2, 3, 4, 5}

In [3]:

```
set2={5.0, "hello", (1, 2, 7)}
set2={5.0, "hello", (1, 5, 7)}
print(set2)
```

{'hello', (1, 5, 7), 5.0}

In [6]:

```
set3=(5.0, "hello", (1, 2, 7), [1, 2, 3])
print(set3) type(set2)
type(set3)
```

Out[6]: (5.0, 'hello', (1, 2, 7), [1, 2, 3])
tuple

In [7]:

```
#Duplicate enteries
#sets can't contain duplicates

set5={2, 5, 6, 7, 2, 6, 8, 9, 10}

print(set5)
```

{2, 5, 6, 7, 8, 9, 10}

In [8]:

```
#list as sets
set6=set([3, 5, 7, 9, 7, 8, 1, 3])
print(set6)
```

{1, 3, 5, 7, 8, 9}

In [9]:

```
str1="chileni" print(set(str1))
```

{'h', 'n', 'e', 'c', 'i', 'l'}

In [3]:

```
#add list and set
myset = {1, 2, 3}
myset.update([1, 6], {1, 2, 3})
print(myset)
```

{1, 2, 3, 6}

In [8]:

```
myset.clear()
print(myset)

a={22, 33, 44, 65, 66, 88}
b={11, 33, 44, 55, 66, 77, 99}
```

In [12]:

```
print(a.intersection(b))
```

```
{33, 66, 44}  
{33, 66, 44}  
{88, 65, 22}  
{11, 99, 77, 55}
```

In [0]: