

Activity 1.28

#code

```
my_set={"Akshat","Mtech","CSE"}
print(my_set)
print("\n")

my_set1={"Akshat","20MIS0183","20MIS0183","CSE1011"}
print(my_set1)
print("\n")

my_set3={"Akshat","akshat","20MIS0183","CSE1011"}
print(my_set3)
print("\n")

set1={"PHYSICS","CHEMSITRY","MATHEMATICS","EVS"}
print(len(set1))
print("\n")

set2={"VIT","MTECH","COMPUTER"}
print(set2)
print(type(set2))
print("\n")

set3={9,3,3,4,5,6,7,8,9}
print(set3)
print(type(set3))
print("\n")

set4={True,False,False,False}
print(set4)
print(type(set4))
print("\n")

set5={"Akshat","Mtech","CSE1011",18,True,"Male","India"}
print(set5)
print(type(set5))
print("\n")

set6={"VIT","MTECH","COMPUTER"}
```

```
for x in set6:
    print(x)
set7={9,3,3,4,5,6,7,8,9}
for x in set7:
    print(x)
set8={True,False,False,False}
for x in set8:
    print(x)
set9={"Akshat","Mtech","CSE1011",18,True,"Male","India"}
for x in set9:
    print(x)
print("\n")

set10={"Akshat","Mtech","CSE1011",18,True,"Male","India","Vellore"}
print("Vellore" in set10)
print("SRM" in set10)
print("\n")

set11={"Akshat","Mtech","CSE1011",18,True,"Male","India","Vellore"}
print(set11)
set11.add("52.akkey@gmail.com")
print(set11)
print("\n")

set12={"Akshat","Mtech","CSE1011"}
print(set12)
set13={"Flipkart","TCS","Wipro","Adobe"}
set12.update(set13)
print(set12)
print("\n")

set14={"INDIA","AMERICA","CHINA","RUSSIA"}
print(set14)
lst=["JAPAN","AUSTRIA"]
print(lst)
set14.update(lst)
print(set14)
print("\n")

set15={"STARS","SUN","MOON","GALAXY"}
print(set15)
set15.remove("SUN")
```

AKSHAT KUMAR
20MIS0183

```
print(set15)
print("\n")

set16={"AKSHAT","VIT","CSE1011"}
print(set16)
set16.discard("VIT")
print(set16)

set17={"AKSHAT","CHIRAG","KIRUTHIK"}
print(set17)
m=set17.pop()
print("Removed Item : ",m)
print(set17)
```

#output

```
[Running] python -u "c:\Users\user\Desktop\python\act1.28\pcc.py"
{'Akshat', 'Mtech', 'CSE'}

{'Akshat', 'CSE1011', '20MIS0183'}

{'Akshat', 'CSE1011', 'akshat', '20MIS0183'}

4

{'MTECH', 'COMPUTER', 'VIT'}
<class 'set'>

{3, 4, 5, 6, 7, 8, 9}
<class 'set'>

{False, True}
<class 'set'>

{'Mtech', True, 'CSE1011', 'Akshat', 'Male', 18, 'India'}
<class 'set'>
```

MTECH

COMPUTER

VIT

3

4

5

6

7

8

9

False

True

Mtech

True

CSE1011

Akshat

Male

18

India

True

False

```
{'Mtech', True, 'CSE1011', 'Akshat', 'Male', 18, 'Vellore', 'India'}
```

```
{'Mtech', True, 'CSE1011', 'Akshat', 'Male', 18, 'Vellore', '52.akkey@gmail.com',  
  'India'}
```

```
{'Akshat', 'Mtech', 'CSE1011'}
```

```
{'Mtech', 'Adobe', 'CSE1011', 'Wipro', 'Akshat', 'Flipkart', 'TCS'}
```

```
{'RUSSIA', 'INDIA', 'AMERICA', 'CHINA'}
```

```
['JAPAN', 'AUSTRIA']
```

```
{'JAPAN', 'RUSSIA', 'AUSTRIA', 'INDIA', 'AMERICA', 'CHINA'}
```

```
{'STARS', 'MOON', 'SUN', 'GALAXY'}
```

```
{'STARS', 'MOON', 'GALAXY'}
```

```
{'AKSHAT', 'CSE1011', 'VIT'}
```

AKSHAT KUMAR

20MIS0183

```
{'AKSHAT', 'CSE1011'}
```

```
{'AKSHAT', 'KIRUTHIK', 'CHIRAG'}
```

```
Removed Item : AKSHAT
```

```
{'KIRUTHIK', 'CHIRAG'}
```

```
[Done] exited with code=0 in 0.599 seconds
```