

#Array related experiments

```
arr = []
print('Enter 0 to stop the program')
num = int(input("Enter a number: "))
while num != 0000:
    arr.append(num)
    num = int(input("Enter a number: "))
print(arr)
```

#Set related experiments

```
s = set()
print('Enter 0 to stop the program')
num = int(input("Enter a number: "))
while num != 0:
    s.add(num)
    num = int(input("Enter a number: "))
print(s)
```

#Array to set conversion

```
arr = []
for i in range(1,11):
    arr.append(i)
print(arr)
s = set(arr)
print(s)
```

#Set to array conversion

```
s = set()
for i in range(1,11):
    s.add(i)
print(s)
arr = list(s)
print(arr)
```