```
Arnob Dey | ID : 203-15-3906 | Section : PC - B | Subject: Artificial Intelligence Lab
    | Course Code: CSE316 |
#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)
```