

# Experiment No 08

## B.1: Procedure of performed experiment

exp8\_N049.py ×

Users > tjrox0825 > Desktop > Sem 5 > Computer Networks > Tj CN Exps > exp8\_N049.py > ..

```
1  window=int(input("Enter the size of the window: "))
2  n=int(input("Enter the number of frames: "))
3  frames=[int(x) for x in input("Enter bits: ").split()]
4
5  for i in range(1,n+1):
6      if(i%window==0):
7          print(frames[i-1])
8          print("Acknowledgemnet of above frames are recieved ")
9      else:
10         print(frames[i-1])
11
12     if(n%window!=0):
13         print("Ackmnowledgemnet for above frames are recieved")
```

## B.2: Observations and Learning's:

### Output:

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL

tjrox0825@Taruns-MacBook-Pro Tj CN Exps % /usr/bin/env /Library/Frameworks/Python.framework/Versions/3.9/bin/python3 /Users/tjrox0825/.vscode/extensions/ms-python.python-ls/launcher 55849 -- "/Users/tjrox0825/Desktop/Sem 5/Computer
Enter the size of the window: 3
Enter the number of frames: 10
Enter bits: 1 2 3 4 5 6 7 8 9 0
1
Acknowledgemnet for above frames are recieved
2
Acknowledgemnet for above frames are recieved
3
Acknowledgemnet of above frames are recieved
Acknowledgemnet for above frames are recieved
4
Acknowledgemnet for above frames are recieved
5
Acknowledgemnet for above frames are recieved
6
Acknowledgemnet of above frames are recieved
Acknowledgemnet for above frames are recieved
7
Acknowledgemnet for above frames are recieved
8
Acknowledgemnet for above frames are recieved
9
Acknowledgemnet of above frames are recieved
Acknowledgemnet for above frames are recieved
0
Acknowledgemnet for above frames are recieved
tjrox0825@Taruns-MacBook-Pro Tj CN Exps %
```

### B.3: Conclusion:

We have successfully, executed the sliding window protocol using python programming and displayed the output of the same.

### B.4: Questions of Curiosity:

Draw the flow diagram for  $m=3$  with all possible conditions

