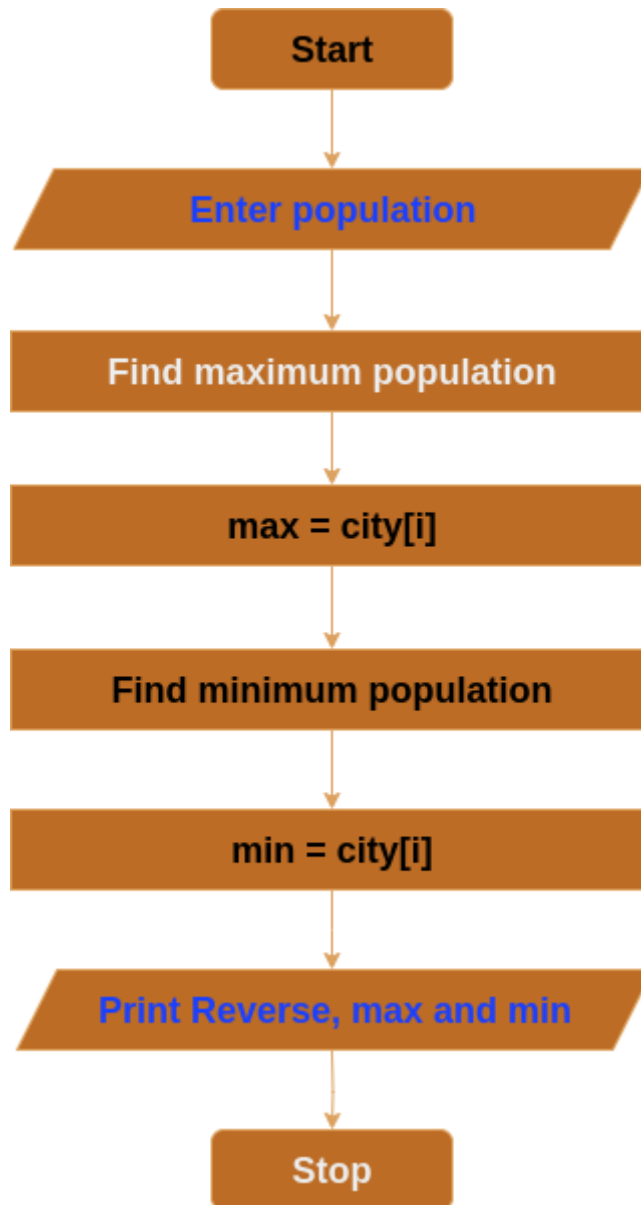# Assignment # 03

Task#01:

Flowchart:

Output:

```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS    ·

● [cc@ncdc-0053 codes]$ gcc ass3_task1.c -o task1
● [cc@ncdc-0053 codes]$ ./task1
  Enter the population of city # (1): 12
  Enter the population of city # (2): 23
  Enter the population of city # (3): 34
  Enter the population of city # (4): 45
  Enter the population of city # (5): 56
  Enter the population of city # (6): 67
  Enter the population of city # (7): 54
  Enter the population of city # (8): 88
  Enter the population of city # (9): 22
  Enter the population of city # (10): 4


  The population in reverse order.
  The population of city # (10) is: 4
  The population of city # (9) is: 22
  The population of city # (8) is: 88
  The population of city # (7) is: 54
  The population of city # (6) is: 67
  The population of city # (5) is: 56
  The population of city # (4) is: 45
  The population of city # (3) is: 34
  The population of city # (2) is: 23
  The population of city # (1) is: 12


  The Maximum population is: 88
  The Minimum population is: 4
  The Average population is: 40
○ [cc@ncdc-0053 codes]$ █
```

Task#02:

```
PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS   TER
● [cc@ncdc-0053 codes]$ gcc ass3_task2.c -o task2
● [cc@ncdc-0053 codes]$ ./task2


      Plane Outlook

     ---------------------
     |       |           |
     |   1   |           |
     |       |           |
     --------|   |--------
     |       |   |       |
     |   2   |   |   3   |
     |       |   |       |
     --------|   |--------
     |       |   |       |
     |   4   |   |   5   |
     |       |   |       |
     ---------   ---------
     |                   |
     |                   |
     |                   |
     ---------------------
     |       |           |
     |   6   |           |
     |       |           |
     --------|   |--------
     |       |   |       |
     |   7   |   |   8   |
     |       |   |       |
     --------|   |--------
     |       |   |       |
     |   9   |   |  10   |
     |       |   |       |
     ---------------------


     Please select the type of flight.
     Press 1 for first class.
     Press 2 for economy.
     2
     Do you want any perticular seat (Yes/No).
     y
     Please select the seat from 1 to 5.
     3
     You have successfuly booked the seat number (3).

     |          B O A R D I N G     P A S S          |
     |                                               |
     |    Seat No: (3)          Type: ECONOMY        |
     |                                               |
     |_____|
```

```
The seating chart Now

The Economy Class Seats.
0, 0, 1, 0, 0,

The First Class Seats.
0, 0, 0, 0, 0,


Do you want to continue buying.
y
Please select the type of flight.
Press 1 for first class.
Press 2 for economy.
1
Do you want any perticular seat (Yes/No).
y
Please select the seat from 1 to 5.
5
You have successfuly booked the seat number (5).

|          B O A R D I N G     P A S S          |
|                                               |
|    Seat No: (5)          Type: FIRST CLASS    |
|                                               |
|_____|


The seating chart Now

The Economy Class Seats.
0, 0, 1, 0, 0,

The First Class Seats.
0, 0, 0, 0, 1,


Do you want to continue buying.
n
○ [cc@ncdc-0053 codes]$ █
```