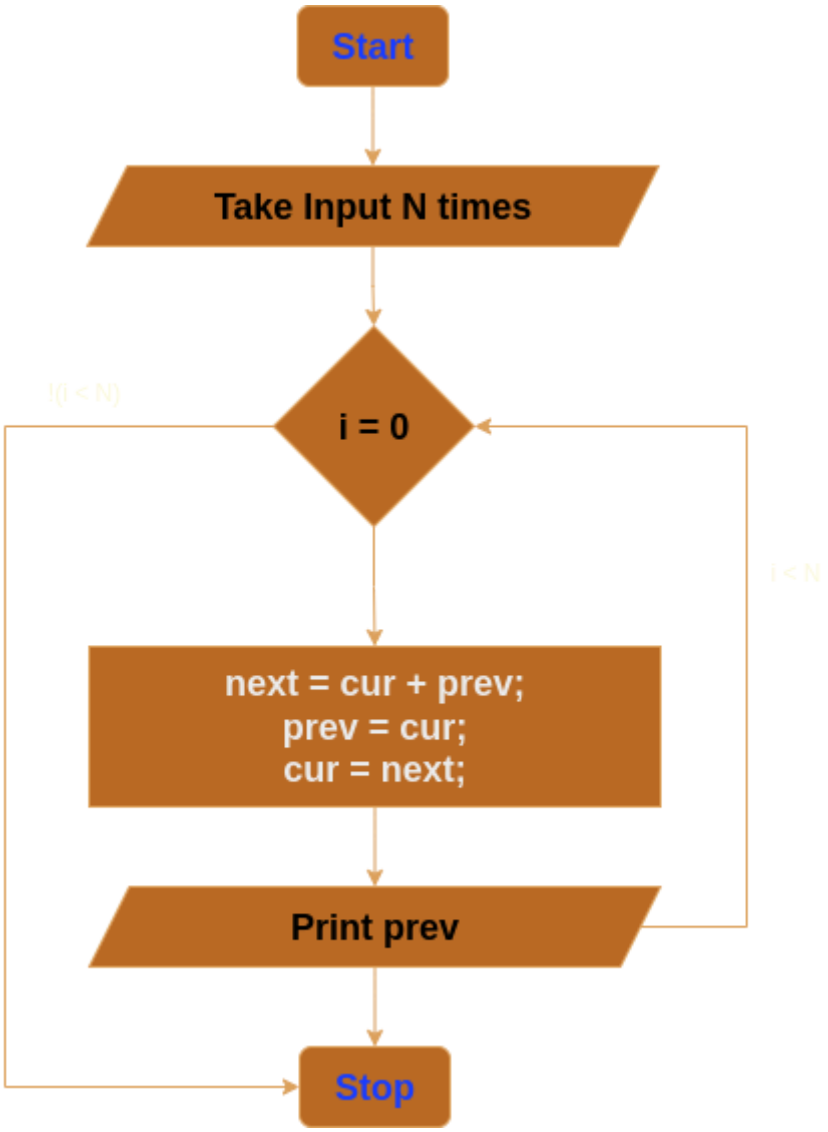
Assignment # 02

Task#1a:

Flowchart:

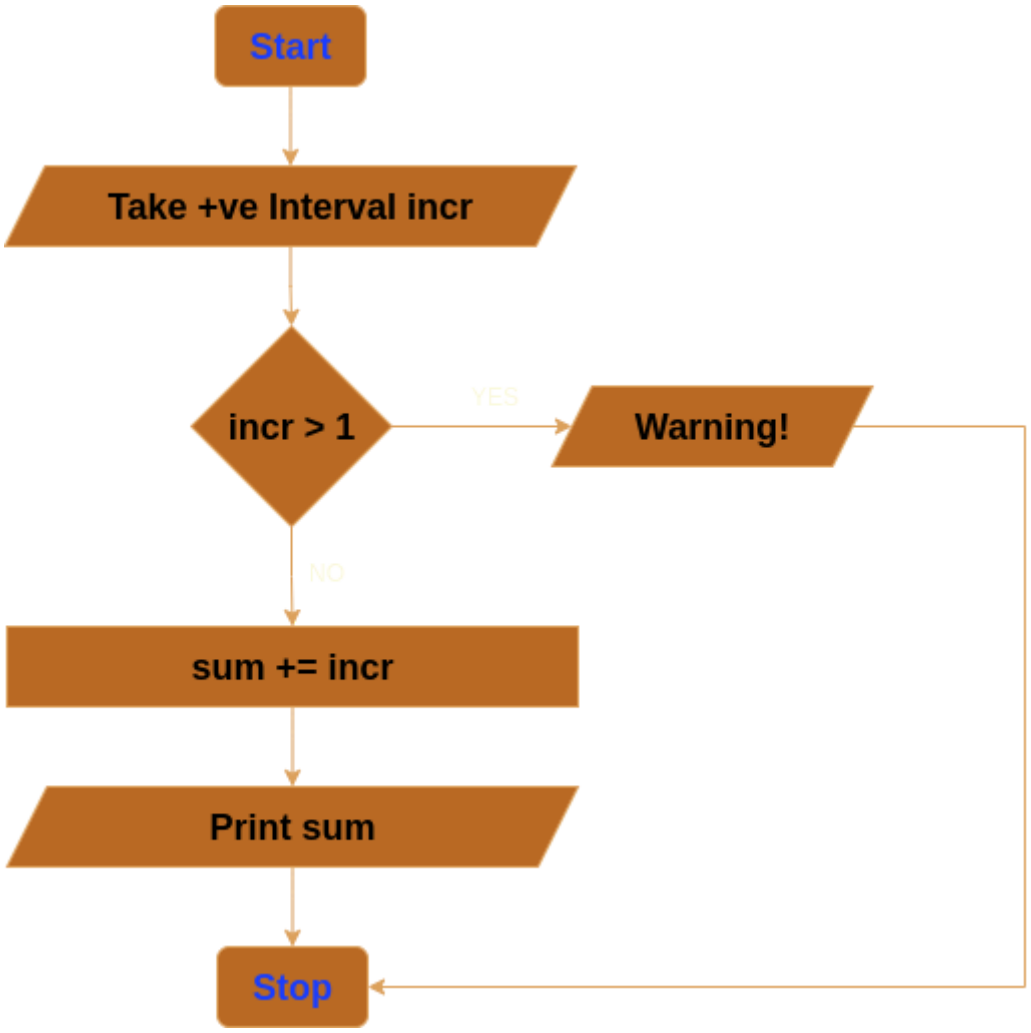


Output:

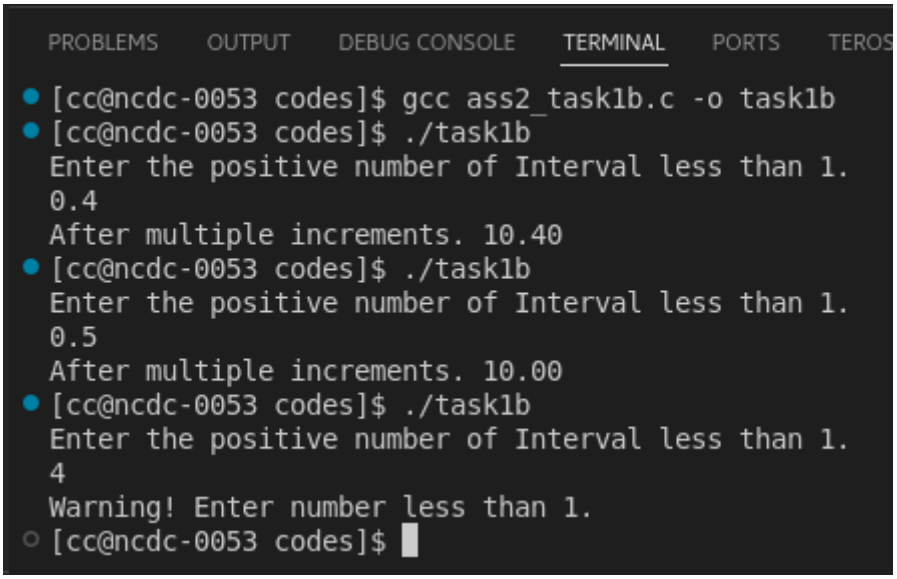
```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS  TER
[cc@ncdc-0053 codes]$ gcc ass2_task1a.c -o task1a
[cc@ncdc-0053 codes]$ ./task1a
How many times you want to print fibonacci series?
5
The series is given below.
0, 1, 1, 2, 3, 5,
[cc@ncdc-0053 codes]$
```

Task#1b:

Flowchart:

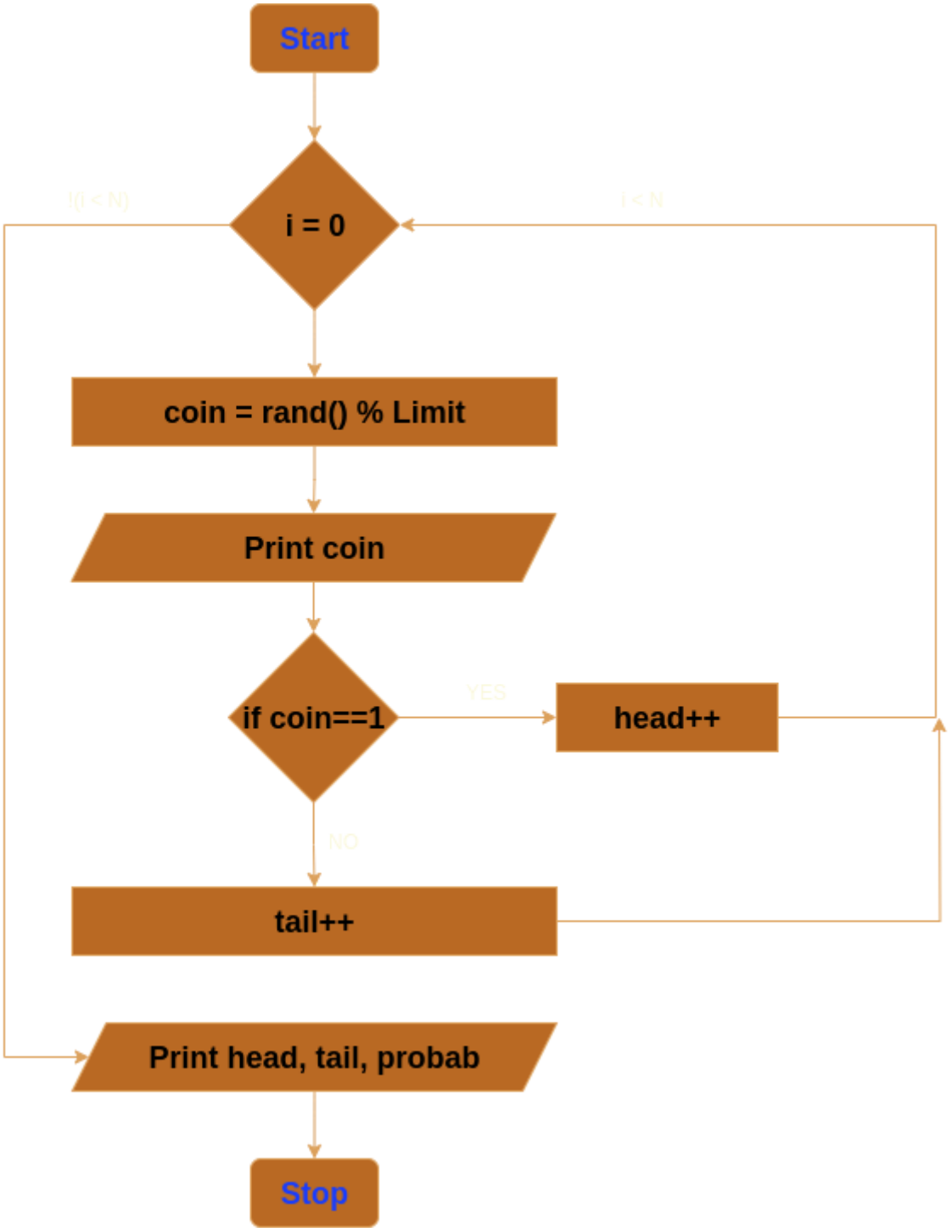


Output:

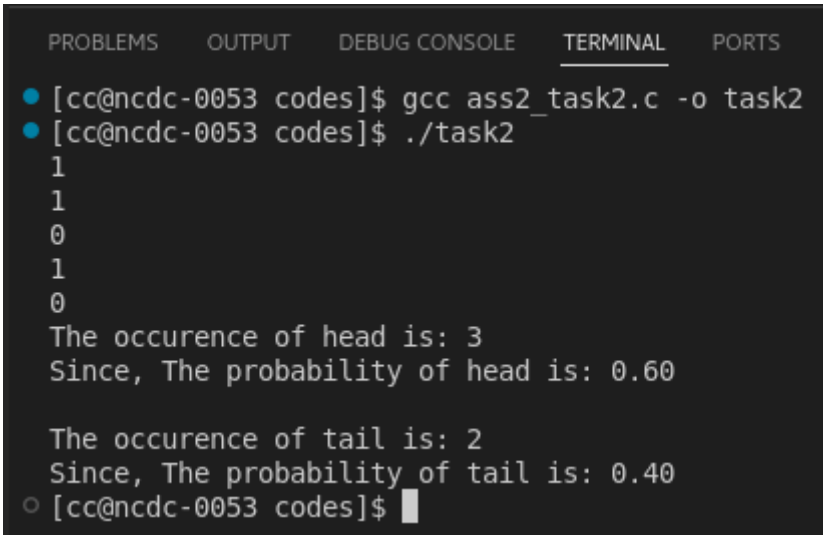

PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
TEROS
[cc@ncdc-0053 codes]$ gcc ass2_task1b.c -o task1b
[cc@ncdc-0053 codes]$ ./task1b
Enter the positive number of Interval less than 1.
0.4
After multiple increments. 10.40
[cc@ncdc-0053 codes]$ ./task1b
Enter the positive number of Interval less than 1.
0.5
After multiple increments. 10.00
[cc@ncdc-0053 codes]$ ./task1b
Enter the positive number of Interval less than 1.
4
Warning! Enter number less than 1.
[cc@ncdc-0053 codes]$

Task#02:

Flowchart:

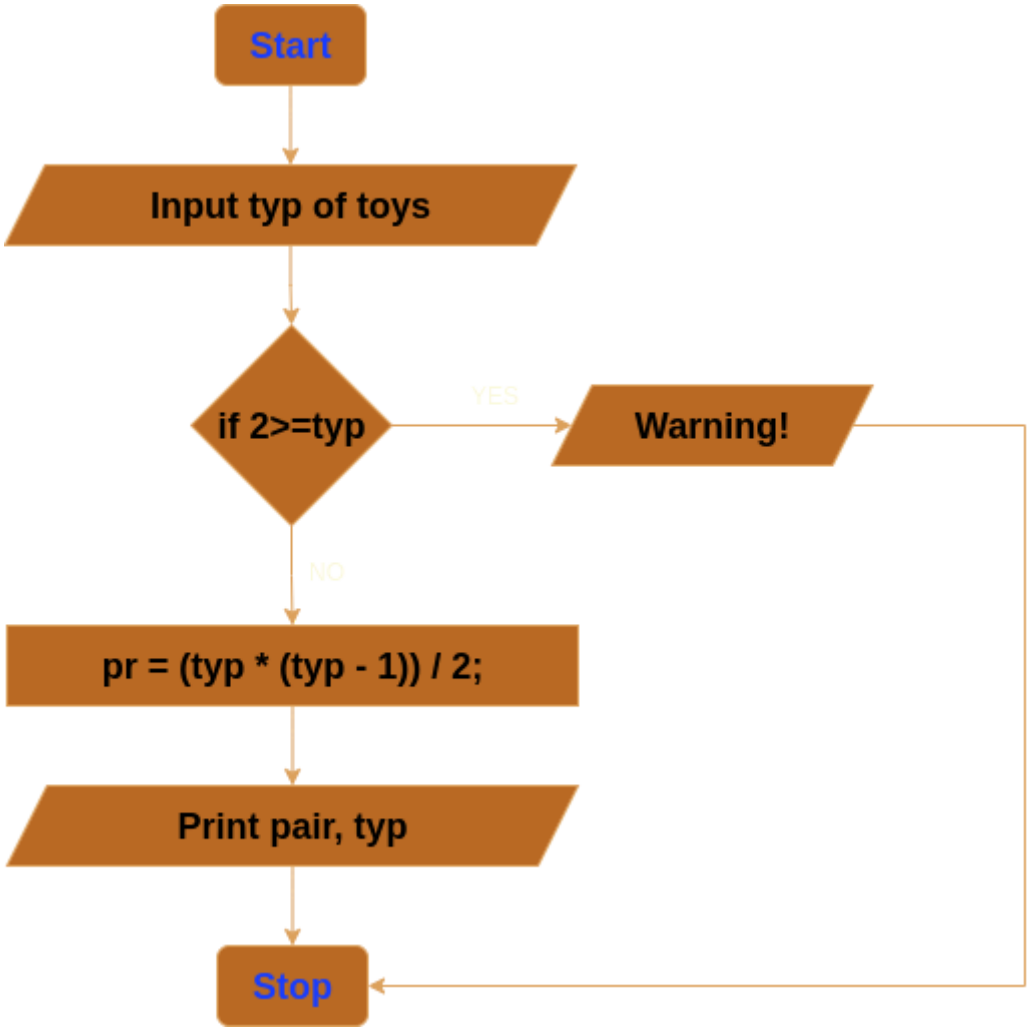


Output:


PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
[cc@ncdc-0053 codes]$ gcc ass2_task2.c -o task2
[cc@ncdc-0053 codes]$ ./task2
1
1
0
1
0
The occurence of head is: 3
Since, The probability of head is: 0.60
The occurence of tail is: 2
Since, The probability of tail is: 0.40
[cc@ncdc-0053 codes]$

Task#03:

Flowchart:



Output:

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS
[cc@ncdc-0053 codes]$ gcc ass2_task3.c -o task3
[cc@ncdc-0053 codes]$ ./task3
Enter the types of toys.
2
Warning! Enter number greater than 2.
[cc@ncdc-0053 codes]$ ./task3
Enter the types of toys.
5
There are (10) pairs of (5) types.
[cc@ncdc-0053 codes]$
```