**Assignment-02**

**Algorithm:**

**Step-01:** Start.

**Step-02:** Declare two identifiers result and user\_ input.

**Step-03:** Ask the user to enter a number.

**Step-04:** Check the number entered by the user. if the user\_ input is less than 0 than store value -1 in result.

**Step-05:** else if the user\_ input is greater than equal to 0 and user\_ input is less than equal to 5 than store value 0 in result.

**Step-06:** else if the user\_ input is greater than equal to 6 and user\_ input is less than equal to 12 than store value 1 in result.

**Step-07:** else if the user\_ input is greater than equal to 13 and user\_ input is less than equal to 19 than store value 2 in result.

**Step-08:** else if the user\_ input is greater than equal to 20 and user\_ input is less than equal to 50 than store value 3 in result.

**Step-09:** else if the user\_ input is greater than equal to 51 and user\_ input is less than equal to 60 than store value 4 in result.

**Step-10:** else if the user\_ input greater than equal to 61 and user\_ input is less than equal to 101 than store value 5 in result.

**Step-11:** else if the user\_ input is greater than 101 than store value -1 in result.

**Step-12:** Print result.

**Step-13:** Stop.

**Flowchart:**

**Flowchart:**



