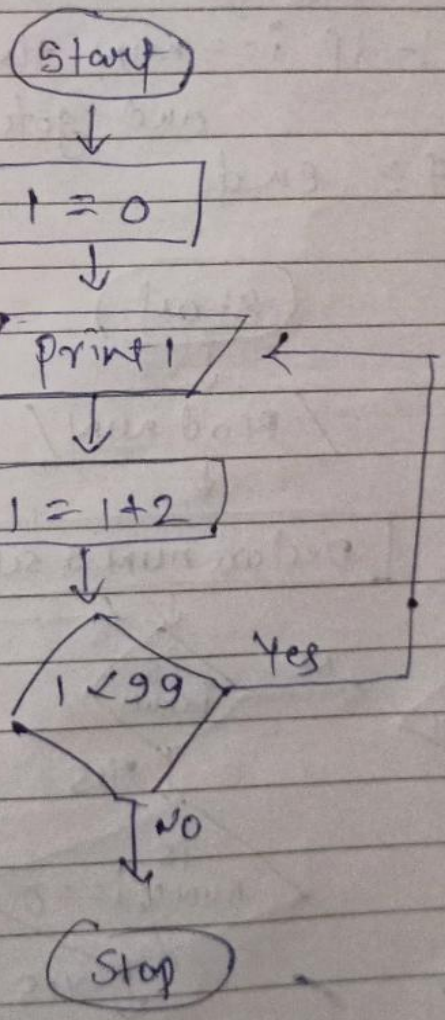
# Assignment 2

1.a

Step 1 :- Start
Step 2 :- I ← 0
Step 3 :- Print value of I
Step 4 :- I ← I+2
Step 5 :- if (I < 99) then go to step 3
Step 6 :- End



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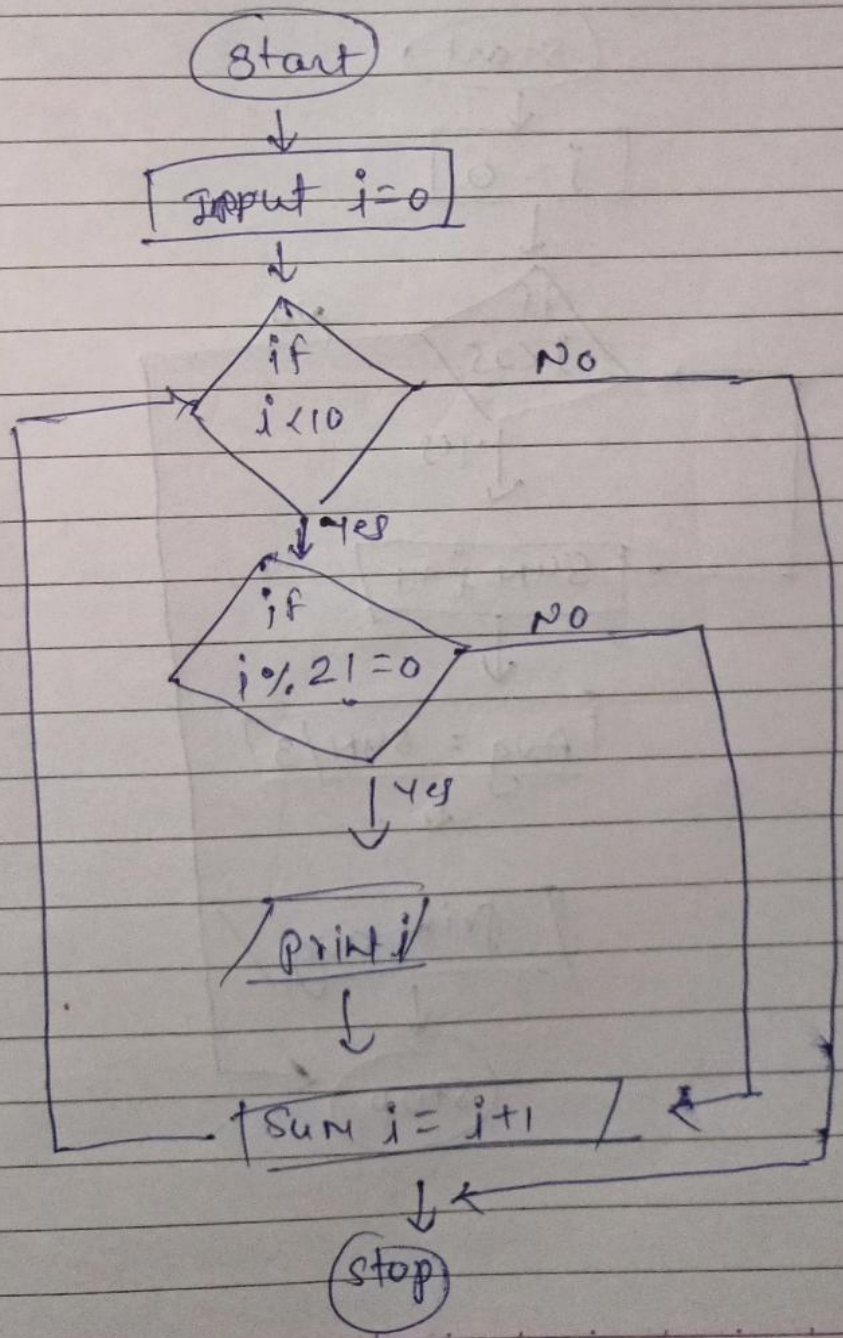
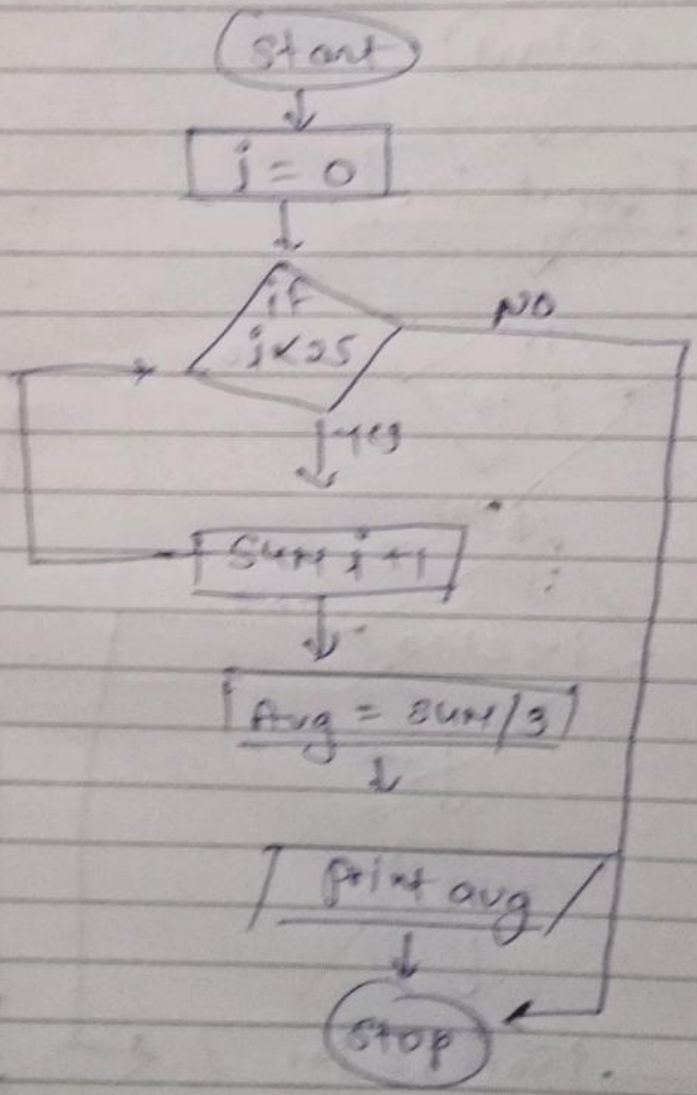
1. b

Step 1 :- Start
Step 2 :- i ← 0
Step 3 :- if i<10
Step 4 :- if i<10 then i%21 = 0
Step 5 :- print i
Step 6 :- SUM i ← i+1
Step 7 :- stop



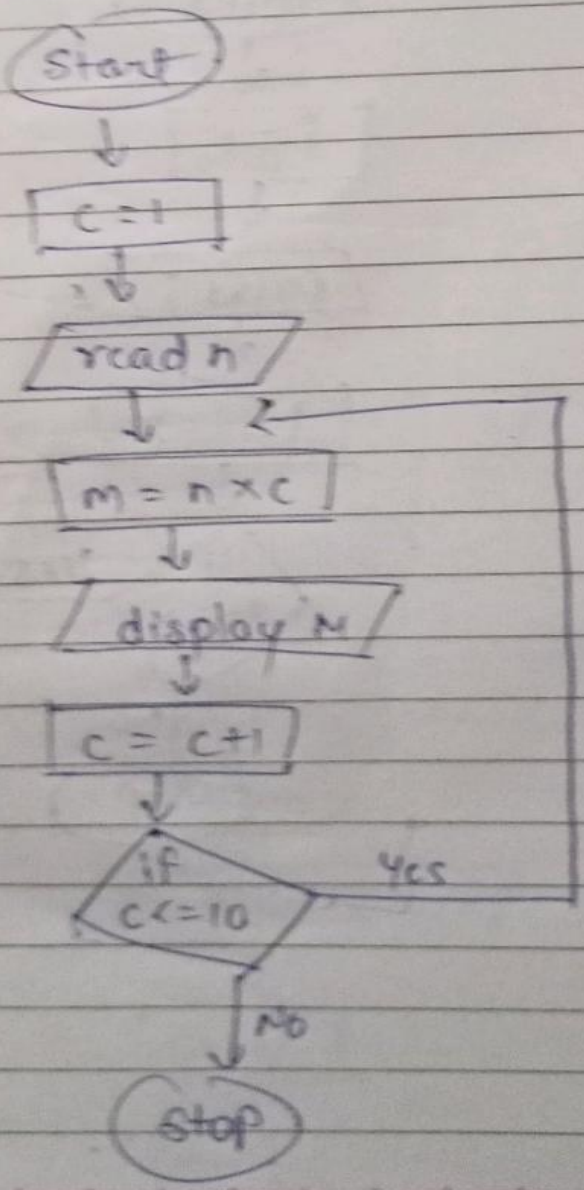
1. c

Step 1 :- Start
Step 2 :- assign i = 0
Step 3 :- check if i < 25
step 4 :- sum = i + 1
step 5 :- avg = sum / 25
step 6 :- print avg
step 7 :- stop



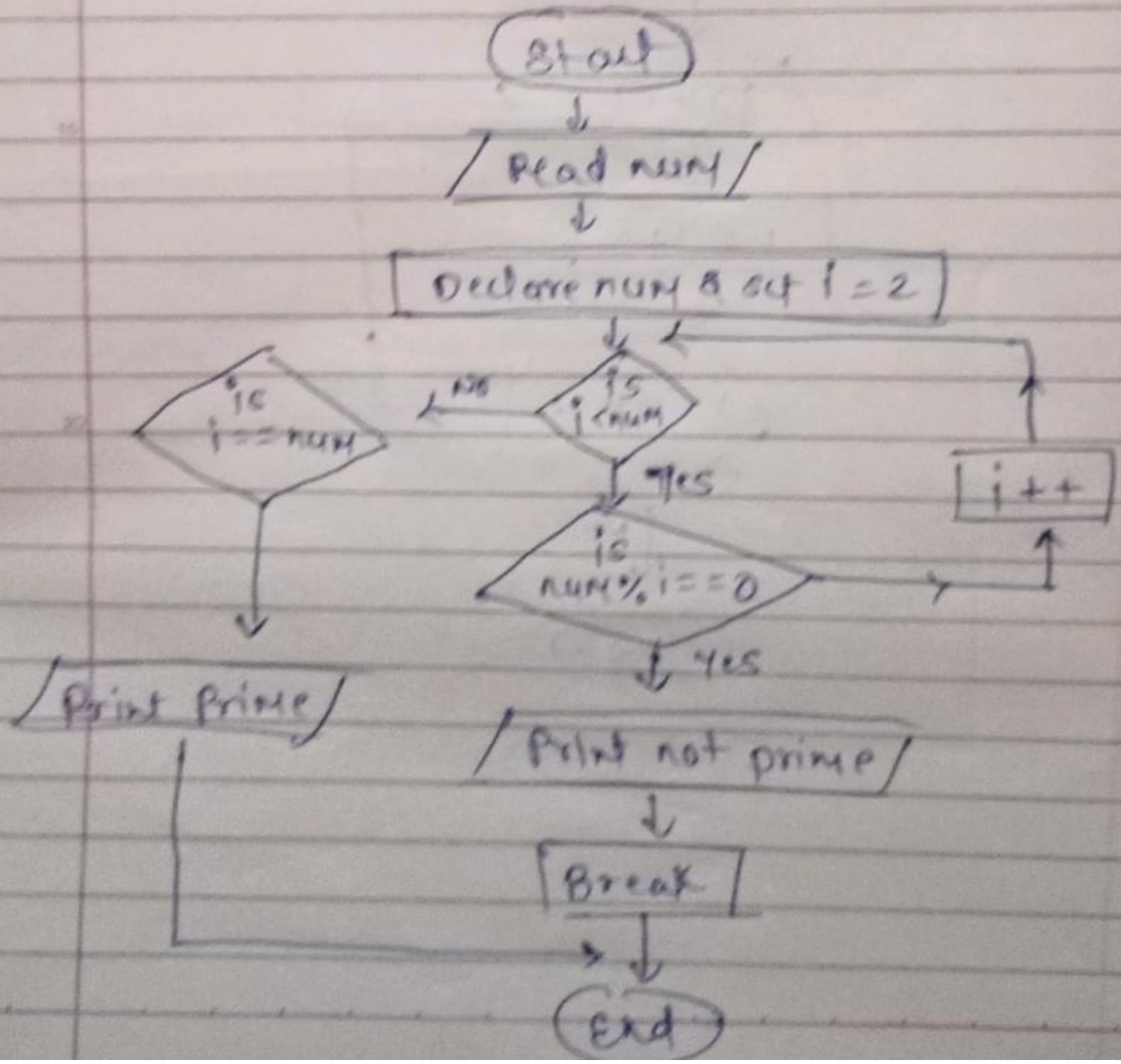
2. d

Step 1:- Start
Step 2:- c ← 1
Step 3:- Read the value of n
Step 4:- m ← n x c
Step 5:- Print value of m
Step 6:- c ← c+1
Step 7:- if (c<=10) goto step 3
Step 8:- Stop



1. e

Step 1 :- Start
Step 2 :- Declare num and set i = 2
Step 3 :- Read num
Step 4 :- if i < num goto step 5 else goto step 6
Step 5 :- if num % i == 0 then print "not prime" and goto step 7
Else i++ and goto step 4
Step 6 :- if i == num then print "Prime" and goto step 7
Step 7 :- End



1. F

Step 1 :- Start
Step 2 :- i ← 99
Step 3 :- Print the value of i
Step 4 :- i = i - 2
Step 5 :- if (i >= 1) goto step 3
Step 6 :- Stop