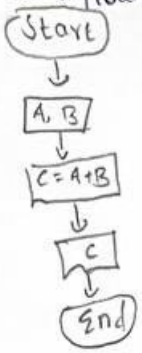
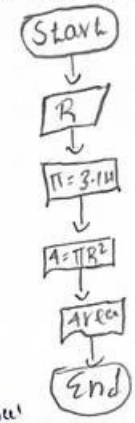
Homework 1

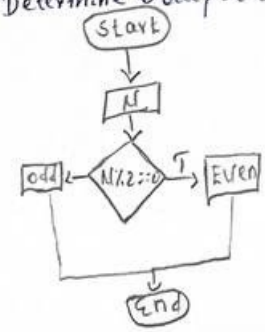
5) Draw a flowchart to add two number entered user.



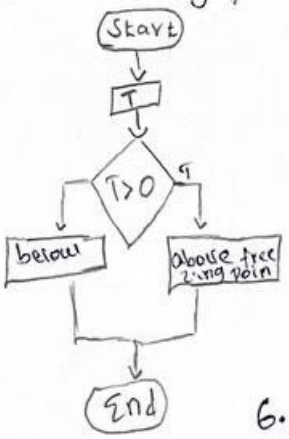
2. calculate the area of acircle to agiven radius.



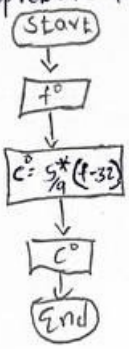
3. Determine & output weather anumbe is Even or odd.



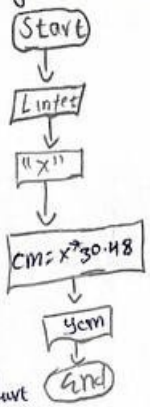
4. Determine weather Tempreture is below or above free zing point.



5) convert Tempreture from fahrenheite to degree celcius

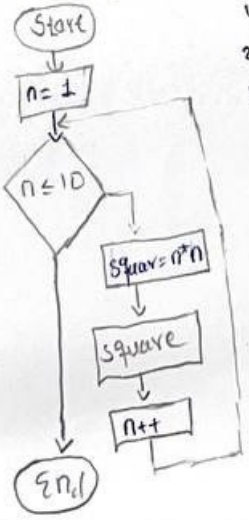


6. write an algorithm and draw flow chart to covert the length in feet to cm



step1: start
step2: input length in feet
step3. tak x as value of feet
step4. cm equal x*30.48
step5. print ycm
step6: stop.

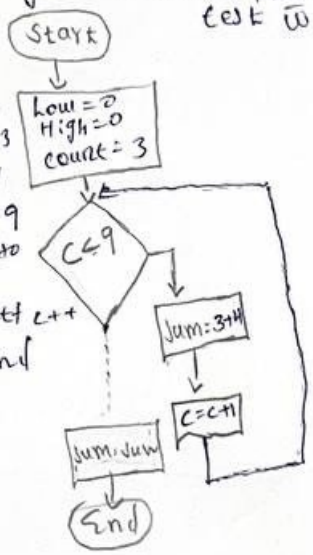
7. write an algorithm and draw flowchart to prin the square of all Numbers from 1 to 10



1. Start
2. read n = 1
3. If n ≤ 10 goto step 4
   else go to step seven
4: square = n*n = n²
5. Print square
6. n = n+1
7. stop

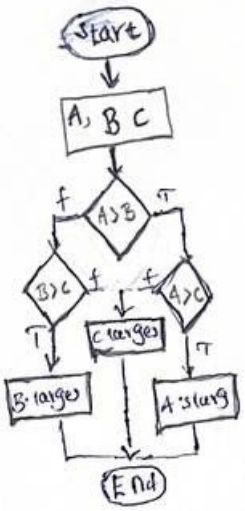
8. write an algorithm and draw flowchart to print the sum of ~~two~~ the numbers from low to high test ω low = 3 and high = 9.

1. Start
2. lowest = 0
   Highest = 0
   counter = 3
3. If counter is less than 9 sum equal to "3+4"
5 then printf c++
4 else and

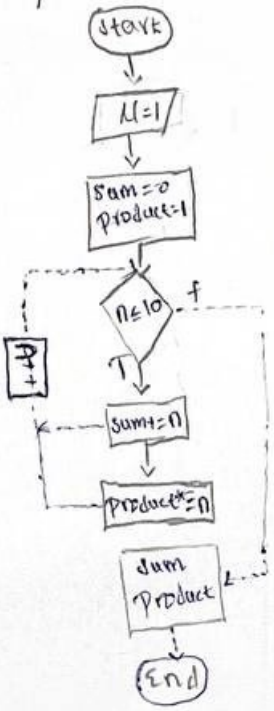


9. write an algorithm and draw a flowchart to print all numbers (Between low and High are divisible by number

10. Draw a flow chart to find largest of three numbers.
A, B, &c.



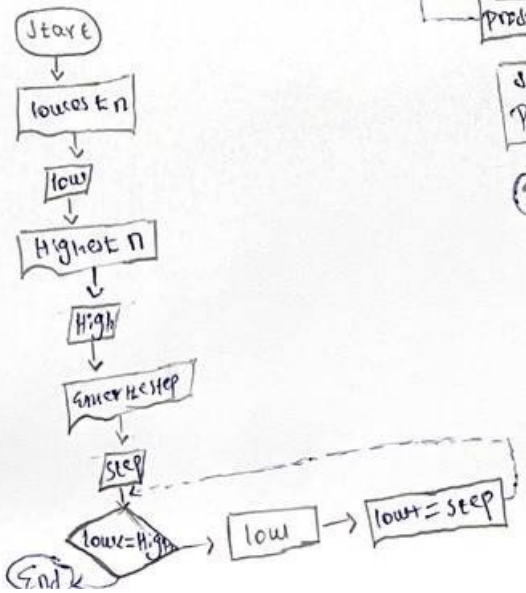
11. Draw flow chart for a program that reads 10 numbers from the user and prints out their sum and their product.



12 write an algorithm and draw a flow chare to count and print all numbers from low to High by steps of step Test ω low=0 and High = 100 and step = 5

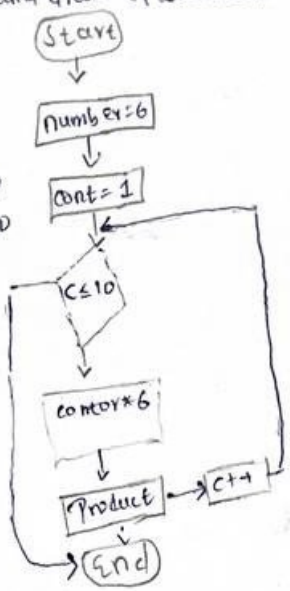
Step 1: Start
Step 2: Enter lowest number
Step 3: Enter highest number
Step 4: Enter the step, step
Step 5: while low <= High
Print. low
Step 6: low+ = step
Step 7: End

12.

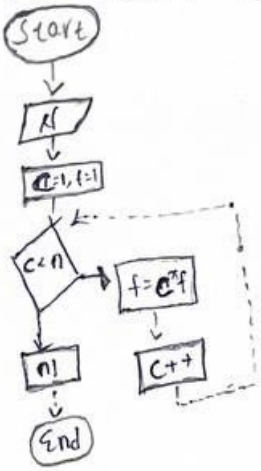


13. write an algorithm and draw a flowchart to print multiplication table for 6's

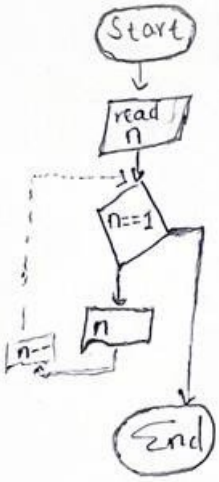
1: start
2: read number 6
3: counter = 1
4: if counter ≤ 10 go to step 5 else go to step eight
5: multiply counter by 6
6: Print count++
7: Print t: product
8. stop



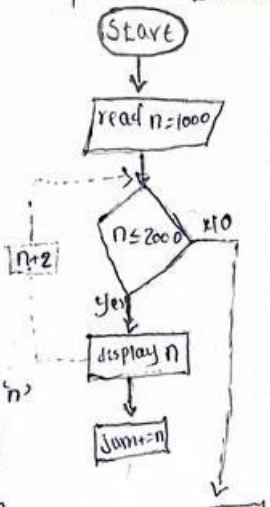
14. Draw a flow chart for computing factorial N(N!)



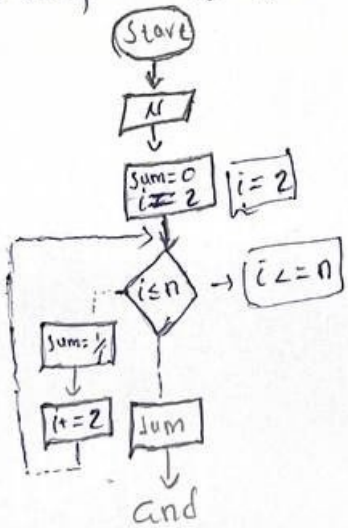
15. Draw a flow chart to print all Natural numbers in reverse (from n to 1)



16. Design an algorithm wic generates even numbers B/n 1000 & 2000 And then print them into the standard output It should also prints total sum.



17. Design an algorithm ẅ a natural number 'n' As its input wic calculate the following formula and writes the result in the standard out put $S = \frac{1}{2} + \frac{1}{4} + \cdots + \frac{1}{n}$



18. Design an algorith to convert decimal numbers, n, to binary format