

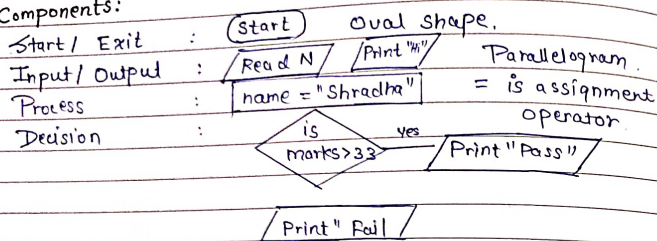
Flowcharts. (Diagram to represent solutions of problems)



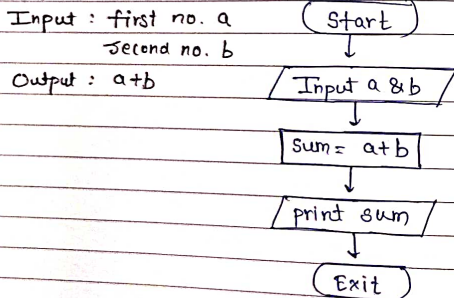
Follow passion

* The first step to solve any problem is to understand their is one.

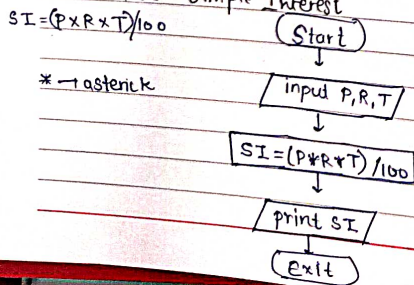
Components:



• Sum of 2 No.



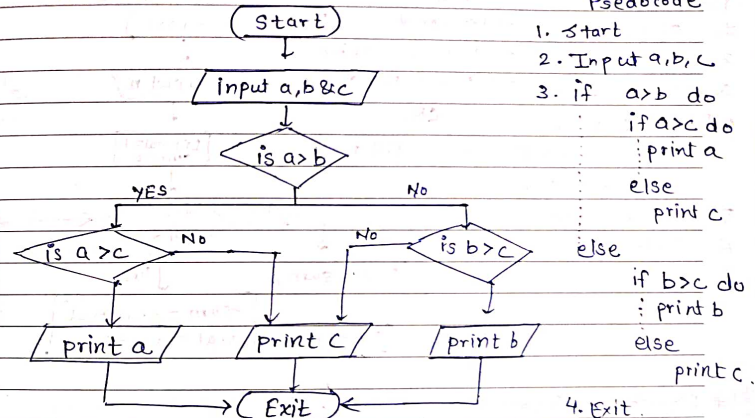
• Calculate Simple Interest



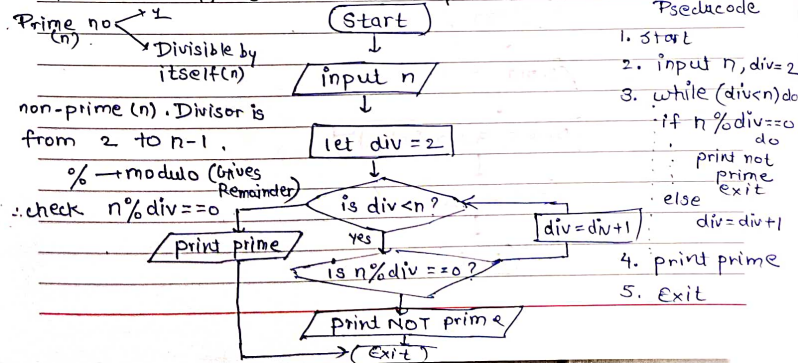
• Max of 3 Numbers

Let a = 10 b = 15 c = 4

check a, b if b > a then compare if b > c if true then b is greatest else c is greatest. Likewise, ...



• Find max if a number is prime or not





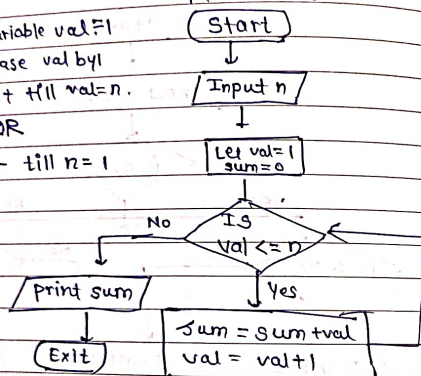
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Sum of first N natural no.
If input $n=5$ then $sum = 1+2+3+4+5 = 15$
clear input is n & output is sum from 1 to n .

Pseudocode
1. Start.
2. Input n .
3. Let $val=1$ & $sum=0$.
4. While ($val \leq n$) do
 $sum = sum + val$; $val = val + 1$
5. print sum.
6. Exit.

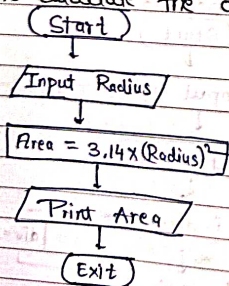
* Plan
→ Let variable $val=1$
→ increase val by 1
→ $val + 1$ till $val=n$.

Flow chart



Flowchart Questions.

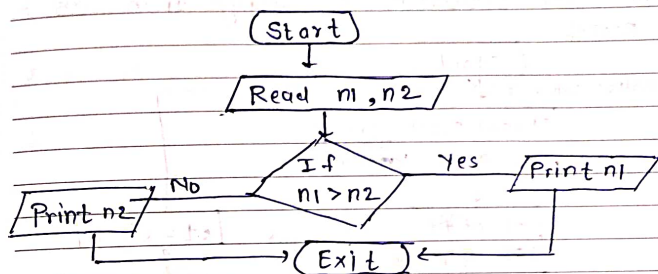
Q1. Flowchart to calculate the area of circle.



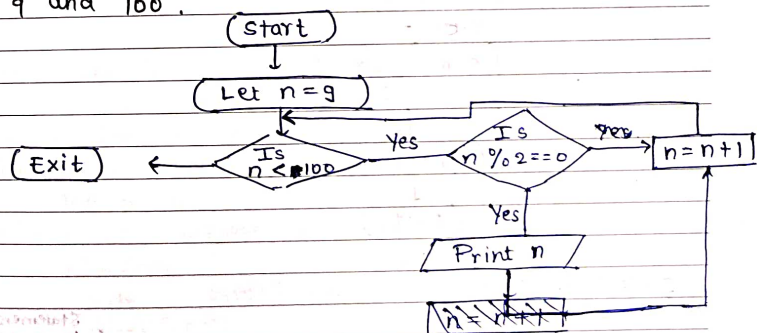
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Q2. Flowchart to find greatest of two numbers.



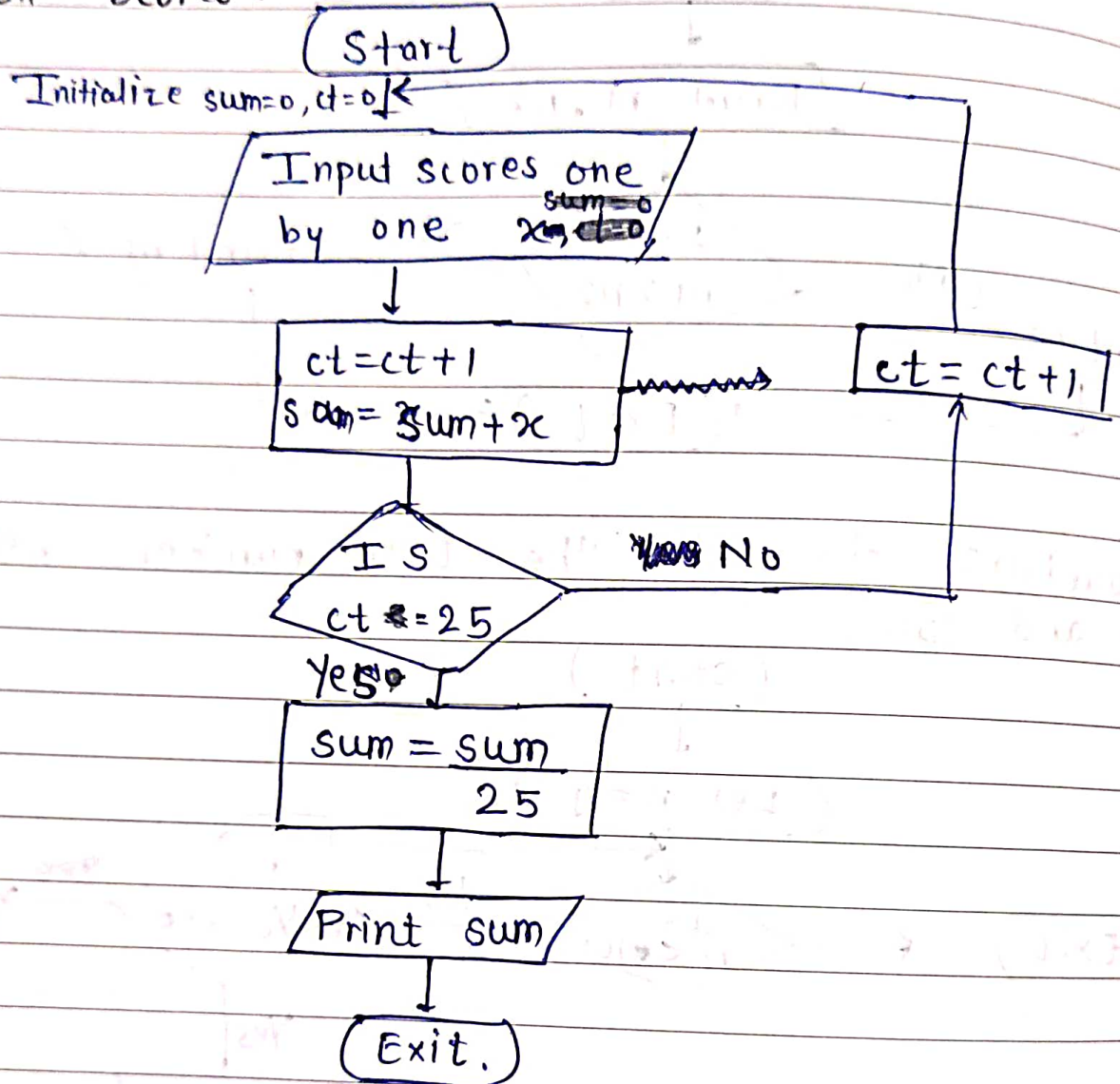
Q3. Flowchart to print the Even numbers between 9 and 100.





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4. Flowchart for calculating the average from 25 exam scores.



Output in Java.

`System.out.print("Hello World");` ← Statement terminator
↓
Function