

PROBLEM 3

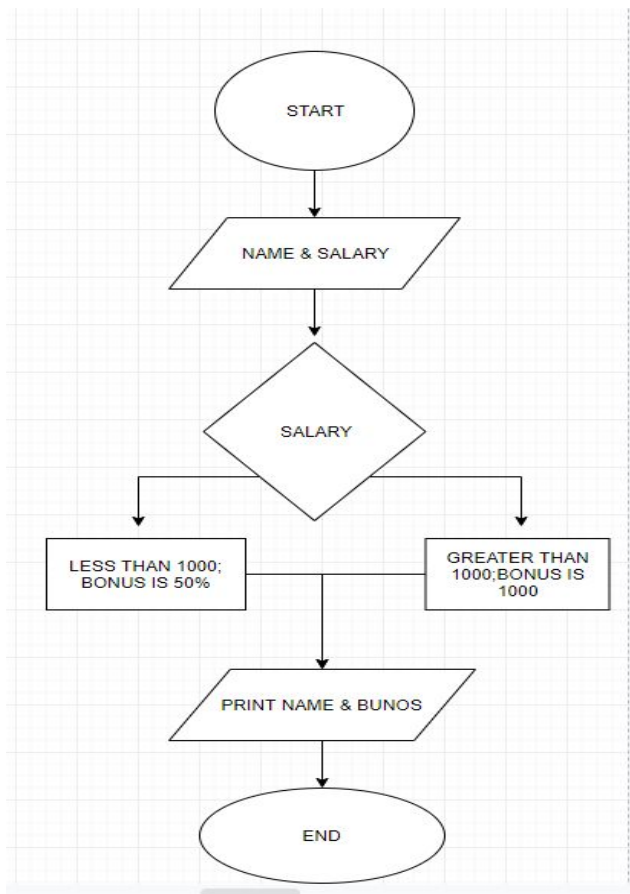
PROBLEM ANALYSIS:

1. Employee name, Monthly Salary.
2. Less than 1000,bonus is 50% salary; Greater than 1000,bonus is 1000.
3. Print name & bonus.

ALGORITHM:

1. Accept the monthly salary & the name as input.
2. If the salary is less than 1000, the bonus is 50% of the salary; if the salary is greater than 1000, the bonus is 1000.
3. Print out the name and bonus.

FLOWCHART:



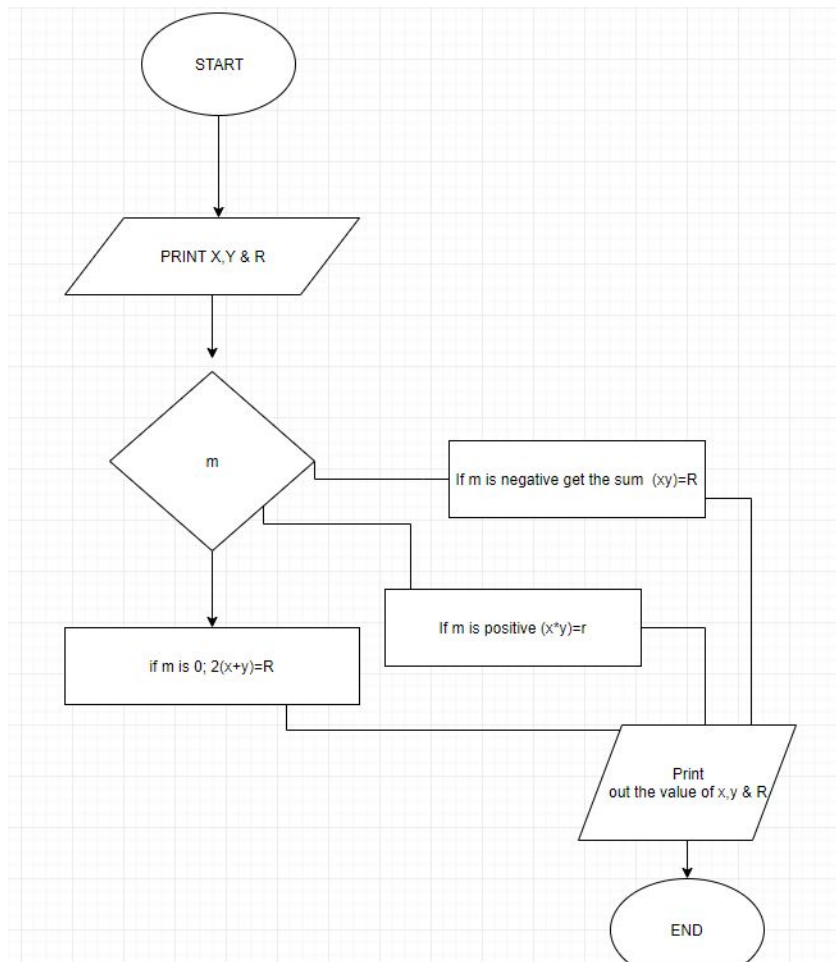
PROBLEMS ANALYSIS:

1. 2 NUMBERS X & Y
2. SUBTRACTION & ADDITION
3. Print X,Y & R

ALGORITHM :

1. Accept 2 numbers as input X & Y.
2. solve $m = x - y$
3. If m is negative compute the sum of $(xy) = R$
4. If m is 0 $2(x+y) = R$
5. If m is positive $(x*y) = R$
6. Print out the value of x,y & R.

FLOWCHART:



PROBLEM ANALYSIS:

1. R, π
2. Multiplication, addition, not equal
3. Print area; r .

ALGORITHM

1. Initialize $r=1$ / $\pi=3.1416$
2. Compute $\text{area} = \pi * r * r$
3. Print r , print area
4. $r++$
5. If $r \neq 5$, repeat steps 2-4

FLOWCHART:

