

## Assignment - 7

Subject: PPS  
Trimester: 1

Name: Pranjay Beniwal  
Roll no: 101053

Division: 2  
Batch: A3

Aim: Write a c program to accept details and display their result using array of structures

Algorithm:

~~Result~~

Step 1: Start

Step 2: Declare Name, Roll no, num, Total, percentage;

Step 3: Input name, Roll no, ~~num~~ num

Step 4: If num > 0 then

Input m(num)

total = total + m(num)

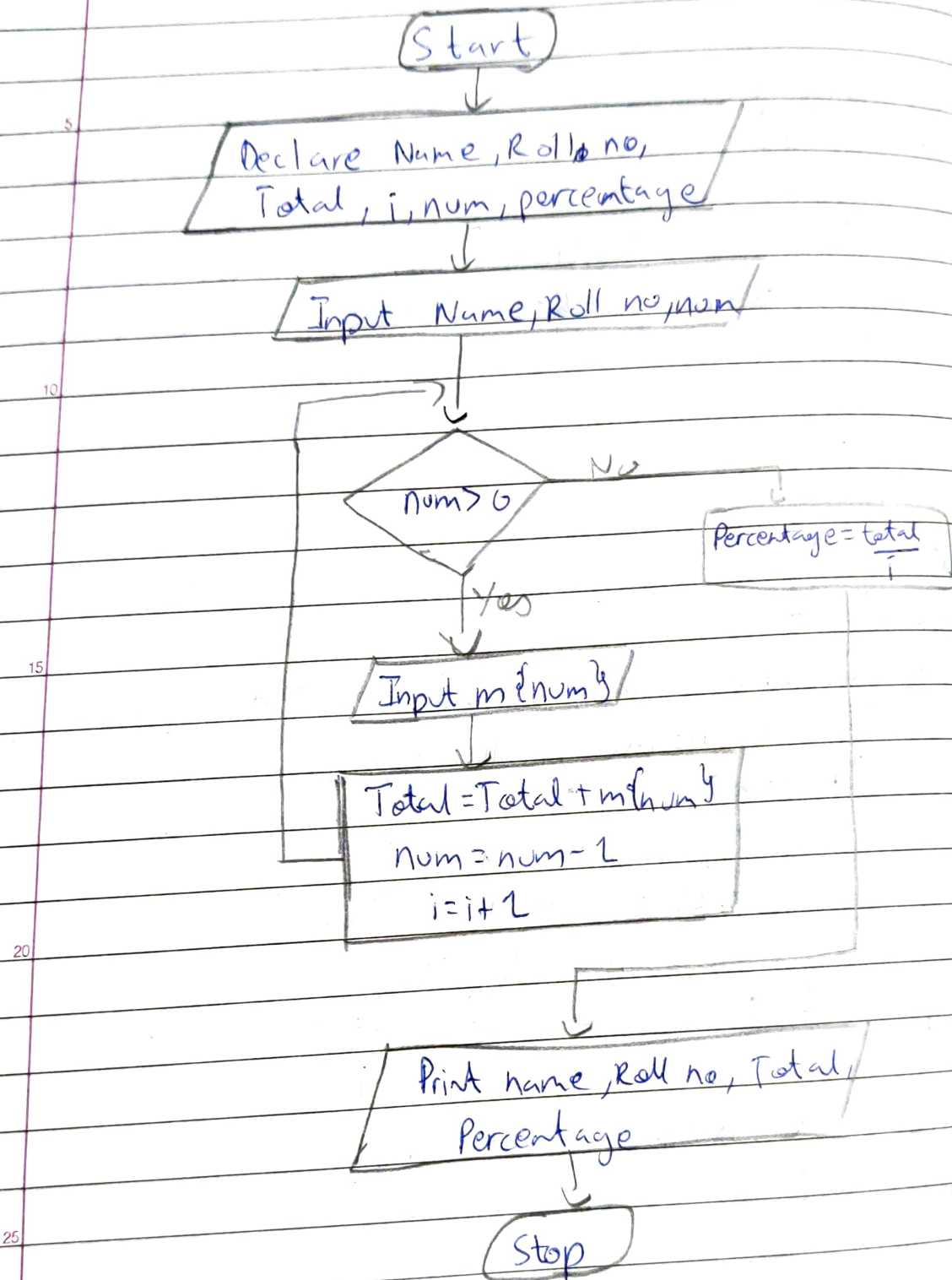
num = num - 1, i = i + 1

Steps: Else percentage =  $\frac{\text{Total}}{i}$

Step 6: Print name, Roll no, Total, Percentage.

Step 7: Stop.

## Flowchart



Input

Name: Pranjay

Roll no: 53

No of syb = 3

## Output

Roll no	Name	Sub 1	Sub 2	Sub 3	Percentage
53	Pranjan	80	85	90	82%

## Conclusion

Implemented the program to accept student details and display result using structure

## FAQ

1) Explain difference between structure and union

Structure	Union
Keyword is struct	Keyword is union
Each member is assigned unique storage area of location	Memory allocated is shared by individual members of union
Individual member can be accessed at any time	Only one member can be accessed at a time

2) How to access structure variable?

→ It is accessed by using a dot function (.)

Syntax

```
{
    Struct_name.variable name[i];
}
```