

## Assignment No.1

Q5.Calculating total salary based on basic.

**Code:-**

```
#include<stdio.h>

void main(){
    double bs=7000;
    double da,ta,hra,ts;
    if(bs<=5000){
        da=bs*0.10;
        ta=bs*0.20;
        hra=bs*0.25;
    }
    else{
        da=bs*0.15;
        ta=bs*0.25;
        hra=bs*0.30;
    }
    ts=bs+da+ta+hra;
    printf("Total salary is %2f \n and their salary is %2f
\n and da is %2f,\n ta is %2f,\n hra is %2f
",ts,bs,da,ta,hra);
}
```

## **Algorithm:-**

Step1:- Start

Step2:- Initialize double bs=7000;

And declared double da,ta,hra,ts;

Step3:- Check the Basic salary is Less than or equal to 5000.

Step4:- if there must be true then calculate

da=bs\*0.10;

ta=bs\*0.20;

hra=bs\*0.25;

Or not then

da=bs\*0.15;

ta=bs\*0.25;

hra=bs\*0.30;

Step5:- Now finding the total salary which is sum of all

Step6:- Print the Total salary

Step7:- End

## Flowchart :-

