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Batch :- CS 32

Practical-4

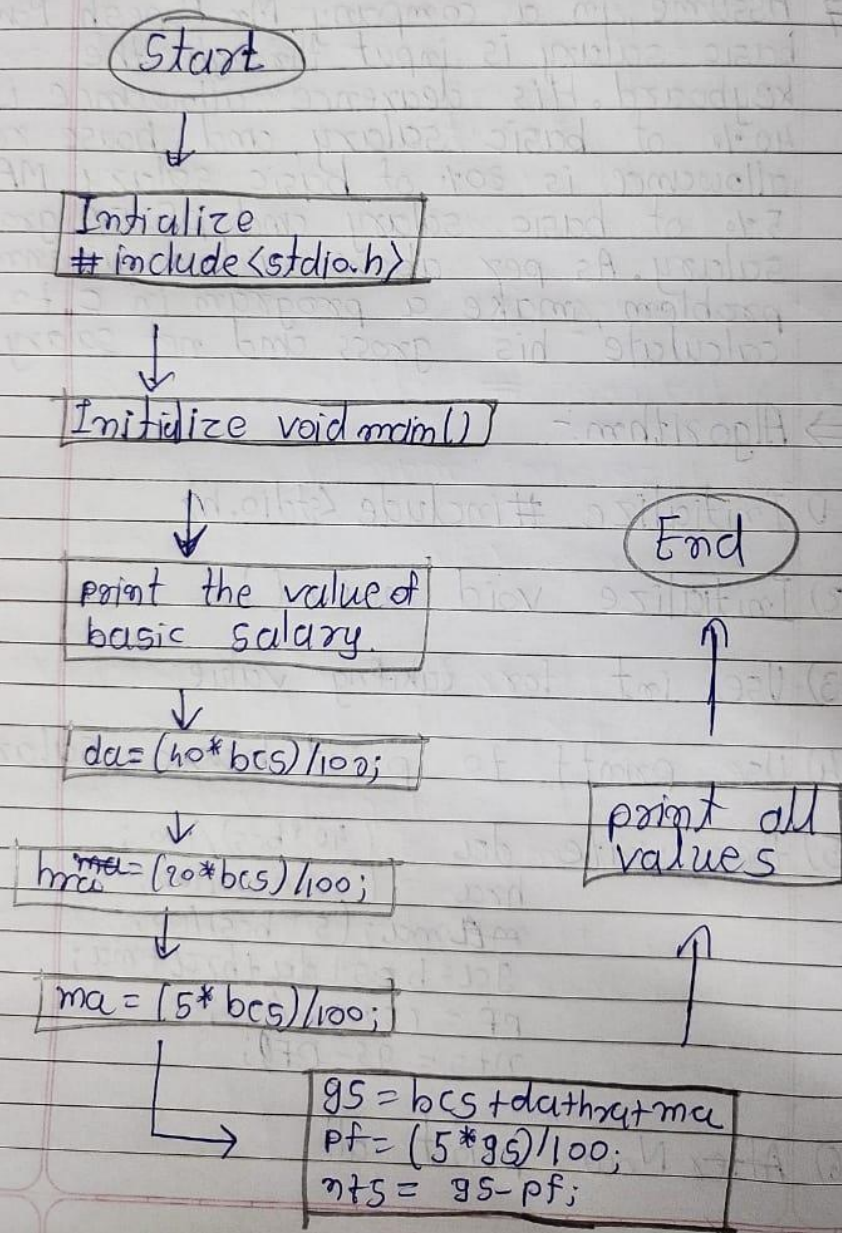
★ Practical - 4:-

⇒ Assume, in a company, Mr. Rupesh Pamchal basic salary is input through the keyboard. His dearness allowance is 40% of basic salary, and house rent allowance is 20% of basic salary, MA 5% of basic salary and PF 5% gross salary. As per above said requirement problem, make a program in C to calculate his gross and net salary.

⇒ Algorithm:-

- 1) Initialize #include <stdio.h>
- 2) Initialize void main()
- 3) Use int for taking value:-
- 4) Use printf to print basic salary.
- 5) then write
$$da = (40 * bcs) / 100;$$
$$hra = (20 * bcs) / 100;$$
$$ma = (5 * bcs) / 100;$$
$$gs = bcs + da + hra + ma;$$
$$pf = (5 * gs) / 100;$$
$$nts = gs - pf;$$
- 6) After Now print all

⇒ flowchart:-



Code:-

```
#include<stdio.h> void
main()
{
int bcs,da,hra,ma,gs,nts,pf; printf("Enter
the basic salary:"); scanf("%d",&bcs);
da=(40*bcs)/100; hra=(20*bcs)/100;
ma=(5*bcs)/100; gs=bcs+da+hra+ma;
pf=(5*gs)/100; nts=gs-pf; printf("\nbasic
salary:%d",bcs); printf("\ndearness
allowance:%d",da); printf("\nhouse rent
allowance:%d",hra); printf("\nM
A:%d",ma); printf("\ngross
salary:%d",gs); printf("\nprovident
fund:%d",pf); printf("\nnet
salary:%d",nts);
}
```

Output:-

```
ayush@  
(ayush@ ayush)-[~/Desktop/ESFP-4]  
$ ./f4  
Enter the basic salary:5000  
  
basic salary:5000  
dearness allowance:2000  
house rent allowance:1000  
M A:250  
gross salary:8250  
provident fund:412  
net salary:7838  
  
(ayush@ ayush)-[~/Desktop/ESFP-4]  
$
```