IT Experiment-1

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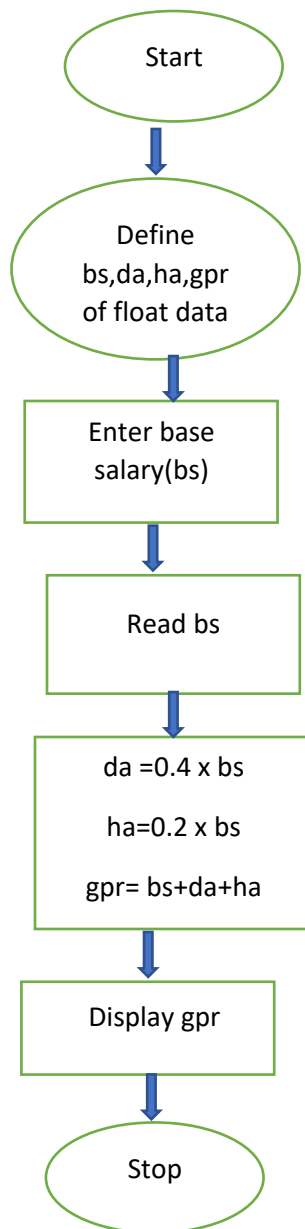

Objective: To Calculate the gross salary of Ramesh

Software: Online GDB

Methodology:

1.Define four integers bs,da,ha,gpr.

2.Printf "Enter Base salary ". (bs=Base salary)

3.Read the number.

4.Compute Dearness allowance da is 0.4*bs.

5.Compute house rent allowance ha is 0.2*bs.

6.Compute gross salary gpr=bs+da+ha.

Flowchart-

Start

↓

Define
bs,da,ha,gpr
of float data

↓

Enter base
salary(bs)

↓

Read bs

↓

da =0.4 x bs

ha=0.2 x bs

gpr= bs+da+ha

↓

Display gpr

↓

Stop

CODE:

```c
/*Calculating Gross salary of Ramesh Date 05-01-2022*/
#include <stdio.h>
int main()
{
    float bs,da,ha,gpr;
    printf("Enter base salary of Ramesh\n");
    scanf("%f",&bs);
    da=0.4*bs;
    ha=0.2*bs;
    gpr=bs+da+ha;
    printf("basic salary of Ramesh=%f\n",bs);
    printf("Dearness allowance= %f\n",da);
    printf("House rent allowance= %f\n",ha);
    printf("Gross pay of Ramesh= %f\n",gpr);
return 0;
}
```

Result-
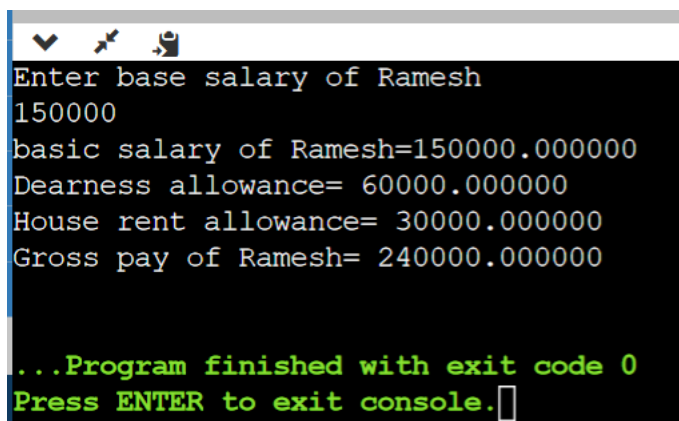
SAMPLE 1-

Enter base salary of Ramesh

150000

basic salary of Ramesh=150000

Dearness allowance= 60000

House rent allowance= 30000

Gross pay of Ramesh= 240000

```
Enter base salary of Ramesh
150000
basic salary of Ramesh=150000.000000
Dearness allowance= 60000.000000
House rent allowance= 30000.000000
Gross pay of Ramesh= 240000.000000


...Program finished with exit code 0
Press ENTER to exit console.
```

SAMPLE 2-

Enter base salary of Ramesh

246000

basic salary of Ramesh=246000

Dearness allowance= 98400

House rent allowance= 49200

Gross pay of Ramesh= 393600

```
Enter base salary of Ramesh
246000
basic salary of Ramesh=246000.000000
Dearness allowance= 98400.000000
House rent allowance= 49200.000000
Gross pay of Ramesh= 393600.000000


...Program finished with exit code 0
Press ENTER to exit console.
```

Conclusion- The C code has been executed successfully and the desired results are obtained.