

LAB-1

1. PROGRAM TO CALCULATE SIMPLE INTEREST.

```
#include<stdio.h>

int main()
{ float p,n,r,simpleinterest;
  printf("-----\n");
  printf("PROGRAM TO CALCULATE SIMPLE INTEREST.");
  printf("\n-----\n");
  printf("Enter principal amount:");
  scanf("%f",&p);
  printf("\nEnter period of interest (in years):");
  scanf("%f",&n);
  printf("\nEnter rate of interest (in percentage):");
  scanf("%f",&r);
  printf("\n-----\n");
  printf("PRINCIPAL=%f\nDURATION=%f\nRATE=%f\n",p,n,r);
  printf("\n-----\n");
  simpleinterest=p*n*r/100;
  printf("\nSIMPLE INTEREST=%f\n\n",simpleinterest);
  printf("\n-----\n");
}
```

C 02.c

C 01.c

01.exe

C 03.c

a.exe

clg > C 01.c > ...

1#include<stdio.h>

2

3int main()

4{ float p,n,r,simpleinterest;

5printf("-----\n");

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7printf("PROGRAM TO CALCULATE SIMPLE INTEREST.");

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9printf("\n-----\n");

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11printf("Enter principal amount:");

12scanf("%f",&p);

13

14printf("\nEnter period of interest (in years):");

15scanf("%f",&n);

16

17printf("\nEnter rate of interest (in percentage):");

18scanf("%f",&r);

19

20printf("\n-----\n");

21

22printf("PRINCIPAL=%f\nDURATION=%f\nRATE=%f\n",p,n,r);

23

24printf("\n-----\n");

25

26simpleinterest=p*n*r/100;

27

28printf("\nSIMPLE INTEREST=%f\n\n",simpleinterest);

29printf("\n-----\n");

30

31

32

33

34}

35

TERMINAL

powershell

PS C:\Users\Sumit\Desktop\vscode> cd clg

PS C:\Users\Sumit\Desktop\vscode\clg> .\01.exe

PROGRAM TO CALCULATE SIMPLE INTEREST.

Enter principal amount:100

Enter period of interest (in years):1

Enter rate of interest (in percentage):1

PRINCIPAL=100.000000

DURATION=1.000000

RATE=1.000000

SIMPLE INTEREST=1.000000

PS C:\Users\Sumit\Desktop\vscode\clg>