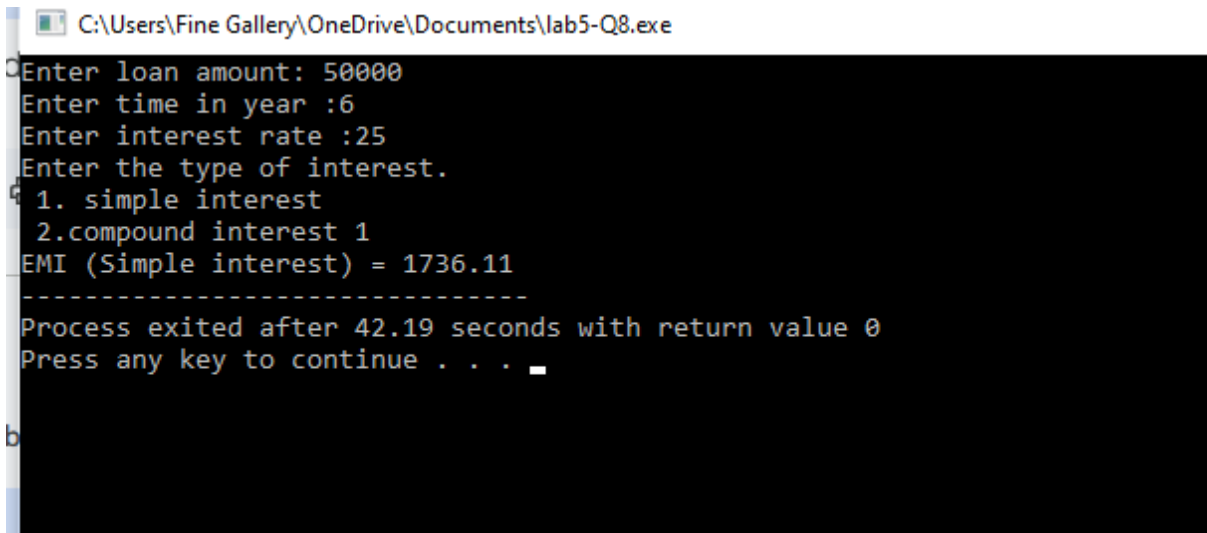


```
#include<stdio.h>
#include<string.h>
#include<math.h>
main(){
    int time,interestType;
    float loan,rate,EMI,SI,CI;
    printf("Enter loan amount: ");
    scanf("%f",&loan);
    printf("Enter time in year :");
    scanf("%d",&time);
    printf("Enter interest rate :");
    scanf("%f",&rate);
    printf("Enter the type of interest.\n 1. simple interest \n 2.compound interest ");
    scanf("%d",&interestType);
    if(interestType==1){
        SI=(loan*rate*time)/100;
        EMI=(loan+SI)/(time*12);
        printf("EMI (Simple interest) = %.2f",EMI);
    }else{
        if(interestType==2){
            CI=loan*pow((1+rate/100),time);
            EMI=CI/(time*12);
            printf("EMI (Compound Interest) = %.2f",EMI);
        }
    }
}
```



```
C:\Users\Fine Gallery\OneDrive\Documents\lab5-Q8.exe
Enter loan amount: 50000
Enter time in year :6
Enter interest rate :25
Enter the type of interest.
1. simple interest
2.compound interest 1
EMI (Simple interest) = 1736.11
-----
Process exited after 42.19 seconds with return value 0
Press any key to continue . . .
```