Central University of Haryana

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Subject: OOPS LAB (BT CS 405)

Submitted to: Dr. Anant Rajee Bara

Program Title: write a class Account that represent your bank account and use it. The class should allow you to deposit money, withdraw money, calculate money and send message if there is insufficient money in the account.

58 lines (50 sloc)   1.04 KB   Raw   Blame   🖥 ⎘ ✎ 🗑

```cpp
1   /*write a class Account that represent your account and then use it,the class should allow deposit money
2   withdraw money,caliculate intrest */
3
4   #include <iostream>
5
6   using namespace std;
7   class Account{
8       private:
9       double balance;
10      int account_num;
11      public:
12      Account (int num){
13          account_num=num;
14      }
15      int accountnumber(){
16          return account_num;
17      }
18      int balanc()
19      {
20          return balance;
21      }
22      void depositmoney(double);

23      void withdrawmoney(double);
24      double simpleintrest(double,double);
25  };
26  void Account::depositmoney(double money)
27  {
28      balance +=money;
29  }
30  void Account::withdrawmoney(double money)
31  {
32      if(balance>=money){
33          balance-=money;
34      }else{
35          cout<<"you have insufficent balance";
36      }
37  }
38  double Account::simpleintrest(double rate,double time){
39      int intrst;
40
41      {
42          intrst=(balance*rate*time)/100;
43
44      }
45      return intrst;
46  }
47
48
49  int main()
50  {
51      Account x(3567);
52      x.depositmoney(400);
53      x.withdrawmoney(100);
54      cout<<x.simpleintrest(15,10)<<endl;
55      return 0;
56  }
57
```

Output of the code….