Implement below given class diagram. Invoke constructor and methods of this class by creating appropriate object in main method.

SavingsAccount

-

balance: double

interestRate:int

-

-

accountNo:int

+

SavingsAccount

()

+

SavingsAccount(double, int, int

)

+

void withDraw(double amount

)

+

void calculateInterest

()

Implement the with Draw(double amount) method: If amount is greater than balance then display error message; otherwise debit amount from balance and display the message “successfully withdrawn” + amount

Implement the calculate Interest() method: calculation of simple interest for the balance maintained in the saving account.

Program:

Output:

Output:

Error

Successfully withdrawn 20.0

1.8

Successfully withdrawn 50.0

Error

0.0