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using System;

namespace BankAppAssignment

{

class Program

{

public static void Main(string[] args)

{

string username, password; //username and password variables

int loginAttempts = 0; //Login Attempts counter

//Simple iteration up to three times

for (int i = 0; i < 3; i++)

{

Console.WriteLine("Enter username");

username = Console.ReadLine();

Console.WriteLine("Enter password");

password = Console.ReadLine();

if (username != "blessing" || password != "ccp3")

loginAttempts++;//increment counter

else

break;

}

//Display the result

if (loginAttempts > 1)

Console.WriteLine("Login failure");

else

Console.WriteLine("Login successful");

Console.ReadKey();

// if statement to check if the user wishes to continue

Console.WriteLine("Would you like to continue press Y for yes or Key N for No");

string temp = Console.ReadLine();

if(temp == "Y" || temp == "N") {

int[] accountNo= {80045001 , 80045002 , 80045003 , 80045004};

double[] initBalance= { 100 , 200 , 300 , 400};

double[] deposit1={100 , 200 , 300 , 400};

double[] withdraw1 ={ 50 , 50 , 50 , 50 };

double[] interestRate = { 0.01 , 0.02 , 0.03 , 0.04};

double[] deposit2 ={10,200,300,400};

double[] withdrawals2 ={155,50,50,50};

BankAccount[] gobshites = new BankAccount[4];

for(int i=0;i<gobshites.Length;i++) // start at 0 , check if your less than 4 if so execute statement

{

gobshites[i] = new BankAccount(accountNo[i] , initBalance[i]);

}

for(int i=0; i<gobshites.Length;i++)// start at 0 , check if your less than 4 if so execute statement

{

gobshites[i].Deposit(deposit1[i]);

gobshites[i].Withdraw(withdraw1[i]);

gobshites[i].Interestearned(interestRate[i]);

gobshites[i].printInfo();

}

for(int i=0; i<gobshites.Length;i++)

{

gobshites[i].Withdraw(withdrawals2[i]);

}

for(int i=0; i<gobshites.Length;i++)

{

gobshites[i].Deposit(deposit2[i]);

}

} else {

Console.WriteLine("BYE!");

Console.WriteLine();

}

Console.WriteLine("");

Console.WriteLine("t/t Bank Report 1");

gobshites[i].printInfo();

// TODO: Implement Functionality Here

Console.WriteLine("Your bank balance");

Console.WriteLine(gobshites[0].GetBalance());

gobshites[0].Deposit(50);

Console.WriteLine("Your new bank balance is :");

Console.WriteLine(gobshites[0].GetBalance());

Console.Write("Press any key to continue . . . ");

Console.ReadKey(true);

}

}

}