```
//
//  File name: Banking Project
//  Assign ID: 1
//  Due Date: 02/24/21
//
//  Purpose: Program will act as an ATM machine, taking an users' username and
 password.
//  Allowing them to deposit in either their saving or checking account, while
 cheking for
//  incorrect transaction types by the user.
//
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//  Created by Jordan Wilkerson on 2/24/21.

#include <iostream>
#include <string>
#include <iomanip>

using namespace std;

int main() {

    // Variable Declaration

    double savings_account = 2500.00;
    double checking_account = 35.00;
    int transaction = 0;
    float deposit = 0;
    string customer;
    string username;
    string password;
    string user_name = "rbrown";
    string pass_word = "blue123";
    int account = 0;

    // User input to recieve customer

    cout << "What is your name: ";
    getline(cin,customer);


    // User input to receive customer username

    cout << "Enter the username: ";
    cin >> username;


    // User input to recieve customer password

    cout << "Enter the password: ";
    cin >> password;
```

```
if((password == pass_word) && (username == user_name))
{
// while 1 is 1 the control statements will run
while(1){

    // Ask user to input deposit amount and assing to variable deposit

    cout << "Enter the desposit amount: ";
    cin >> deposit;

    // conidtion to check for 0 or negative number, will output "Sorry try
     again"
    if(deposit <= 0)
        { cout << " Sorry try again " << endl;
            transaction++;
        }
    // condition to check for none integer, will output "Please enter an
     integer"
    if((deposit != int(deposit))>0)
        { cout << " Please enter an integer: " << endl;
            transaction++;
        }
    // condition to check for positive integers and allows user to choose
     which account to deposit
    else if ((deposit = int(deposit)) >= 1)
        { cout << "Press 1 for Checkings account or Press 2 for Savings
         account? ";
            cin >> account;
                if(account == 1)
                    { checking_account = checking_account + int(deposit);}
                else if(account == 2)
                    { savings_account = savings_account + int(deposit);}
            transaction++;

            // Output display
            cout << fixed << setprecision(2);
            cout << left << setw(15) << "Customer"  << setw(10) <<
             "Username"  << setw(10) << "Password" << setw(10) << "Savings
             Account" <<"  "<<setw(10) << "Checking Account" << endl;
            cout << right << setw(4) << customer << right << setw(10) <<
             username << right << setw(10) << password << right << setw(7)
             <<"$"<< savings_account << right << setw(10) <<"$"<<
             checking_account << endl;

        }
        }
        }
else if((username != user_name) && (password != pass_word)){
    cout << "Password and username are incorrect" << endl;
}
```

```
    return 0;
}
```