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Assignment 1

```cpp
#include<iostream>
#include<string>
using namespace std;
class bank_account
{
    string name;
    string type;
    int account_number;
    float balance;
public:
    void accept();
    void deposit(void);
    void withdraw(void);
    void display(void);
};
void bank_account::accept()
{
    cout<<"enter name";
    cin>>name;
    cout<<"enter account type";
    cin>>type;
    cout<<"enter account number";
    cin>>account_number;
    cout<<"enter balance";
    cin>>balance;
};
void bank_account::display(){
    cout<< "\n name" << name;
    cout<< "\n account type"<< type;
    cout<< "\n account number"<< account_number;
    cout<< "\n account balance"<< balance;
};
void bank_account::deposit()
{
    float deposit;
    cout<<"enter amount to deposited";
    cin>>deposit;
    balance=balance+deposit;
    cout<<"the new balance is"<<balance;
};
void bank_account::withdraw()
{
    float withdraw;
    cout<<"enter the withdraw amount";
```

```cpp
        cin>>withdraw;
        balance=balance-withdraw;
        cout<<"the new balance is"<<balance;
};
int main()
{
        bank_account obj1;
        obj1.accept();
        obj1.display();
};
```