

```
#include <iostream>
#include <cstring>
using namespace std;
class Account
{
private:
    string acc-no;
    double balance;
public:
    Account()
    {
    }
    Account(string acc-no, double balance)
    {
        this->acc-no = acc-no;
        this->balance = balance;
    }
    void setAccno(string acc-no)
    {
        this->acc-no = acc-no;
    }
    string getAccno()
    {
        return acc-no;
    }
}
```

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void setBalance (double balance)
{
    this->balance = balance;
}
double getBalance ()
{
    return balance;
}
void showAccinfo ()
{
    cout << "Account No is:" << acc-no << endl;
    cout << "Account balance is:" << balance << endl;
}
};

class SavingsAcc: public Account
{
private:
    double minLimit;
public:
    SavingsAcc ()
    {
        cout << "Empty constructor of SavingsAcc" << endl;
    }
    SavingsAcc (string acc-no, double balance, double minLimit)
        : Account (acc-no, balance)

```

```

{
    cout << "\n Parameterized constructor of SavingsAcc << endl;
    this -> minLimit = minLimit;
}

void setMinLimit (double minLimit)
{
    this -> minLimit = minLimit;
}

double getMinLimit ()
{
    return minLimit;
}

void showSavingsAccInfo ()
{
    Account::showAccInfo();
    cout << "Account minimum balance:" << minLimit << endl;
}
}

```

```

};

class CreditAcc: public Account
{
private:
    double maxLimit;
public:
    CreditAcc ()
    {
        cout << "\n Empty constructor of CreditAcc" << endl;
    }
}

```



CreditAcc(string acc-no, double balance, double maxLimit)  
: Account(acc-no, balance)

```
{  
    cout << "\n Parameterized constructor of CreditAcc" << endl;  
    this->maxLimit = maxLimit;  
}
```

void setMaxLimit(double maxLimit)

```
{  
    this->maxLimit = maxLimit;  
}
```

double getMaxLimit()

```
{  
    return get maxLimit;  
}
```

```
};
```

int main()

```
{  
    SavingsAcc s1;  
    s1.setAccno("000-47019-33");  
    s1.setBalance(60000);  
    s1.setMaxLimit(500);  
    s1.showSavingsAccinfo();  
    SavingsAcc s2("000-47019-33", 60000, 500);  
    s2.showSavingsAccinfo();  
}
```

```
CreditAcc c1;  
c1.setAccno("111-47019-44");  
c1.setBalance(50000);  
c1.setMaxLimit(100000);  
c1.showCreditAccinfo();  
CreditAcc c2("222-47019-44", 50000, 100000);  
c2.showCreditAccinfo();  
return 0;
```

}