

```

#include <iostream>
#include <string>
using namespace std;
class Account
{
private:
    string a_no;
    double balance;
public:
    Account()
    {
    }
    Account(string a_no, double balance)
    {
        this->a_no = a_no;
        this->balance = balance;
    }
    void setAccno(string a_no)
    {
        this->a_no = a_no;
    }
    string getAccno()
    {
        return a_no;
    }
}

```

```
void setBalance(double balance)
```

```
{ this->balance = balance;
```

```
}
```

```
double getBalance()
```

```
{ return balance;
```

```
}
```

```
void showAccinfo()
```

```
{ cout<<"Account Number is:"<<a_no<<endl;
```

```
  cout<<"Account Balance is:"<<balance<<endl;
```

```
}
```

```
};
```

```
class SavingsAcc: public Account
```

```
{ private:
```

```
  double minLimit;
```

```
public:
```

```
  SavingsAcc()
```

```
{ cout<<"Through default/empty constructor"<<endl;
```

```
  this->minLimit = minLimit;
```

```
}
```

```
double get
```

```
SavingsAcc(string a_no, double balance, double minLimit):  
    Account(a_no, balance)
```

```
{  
    cout << "Through parameterized constructor" << endl;  
    this->minLimit = minLimit;
```

```
}
```

```
void setminLimit(double minLimit)
```

```
{  
    this->minLimit = minLimit;
```

```
}
```

```
double getminLimit()
```

```
{  
    return minLimit;
```

```
}
```

```
void showSavingsAccinfo()
```

```
{  
    Account::showAccinfo();
```

```
    cout << "Account minimum balance is:" << minLimit << endl;
```

```
}
```

```
}
```

```
class CreditAcc: public Account
```

```
{  
    private:
```

```
        double maxLimit;
```

```
    public:
```

```
        CreditAcc(string a_no, double balance, double maxLimit):  
            Account(a_no, balance)
```

```
{  
    cout << "Through Parameterized constructor" << endl;
```

```
    this->maxLimit = maxLimit;
```

```
}
```

```
void setmaxLimit(double maxLimit)
```

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

```
}
```

```
double maxLimit()
```

```
{ return maxLimit;
```

```
}
```

```
void showCreditAccinfo()
```

```
{
```

```
Account::showAccinfo();
```

```
cout<<"Account maximum balance is:"<<maxLimit<<endl;
```

```
}
```

```
};
```

```
int main()
```

```
{ SavingsAcc s1;
```

```
s1.setAccno("22-123-456-33");
```

```
s1.setBalance(20000);
```

```
s1.setminLimit(500);
```

```
s1.showSavingsAccinfo();
```

```
SavingsAcc s2("33-123-456-33", 2000, 5000);
```

```
s2.showSavingsAccinfo();
```

```
CreditAcc c1;
```

```
c1.setAccno("55-666-456-48");
```

```
c1.setBalance(30000);
```

```
c1.setmaxLimit(1000000);
```

```
c1.showCreditAccinfo();
```

```
CreditAcc c2("55-666-456-48", 30000, 100000);
```

```
c2.showCreditAccinfo();
```

```
return 0;
```