

```
//This is the header file employee.h.  
//This is the interface for the abstract class Employee.
```

```
#ifndef EMPLOYEE_H  
#define EMPLOYEE_H  
  
#include <string>  
using std::string;  
  
namespace SavitchEmployees  
{  
  
    class Employee  
    {  
  
    public:  
        Employee( );  
        Employee(string theName, string theSsn);  
        string getName( ) const;  
        string getSsn( ) const;  
        double getNetPay( ) const;  
        void setName(string newName);  
        void setSsn(string newSsn);  
        void setNetPay(double newNetPay);  
        virtual void printCheck( ) const = 0;  
    private:  
        string name;  
        string ssn;  
        double netPay;  
  
    };  
  
} //SavitchEmployees  
  
#endif //EMPLOYEE_H
```

```

//This is the IMPLEMENTATION FILE: employee.cpp
//This is the IMPLEMENTATION for the class Employee.
//The interface for the class Employee is in the header file employee.h.
#include <string>
#include <cstdlib>
#include <iostream>
#include "employee.h"
using std::string;
using std::cout;

namespace SavitchEmployees
{
    Employee::Employee( ) : name("No name yet"), ssn("No number yet"),
        netPay(0)
    {
        //deliberately empty
    }

    Employee::Employee(string theName, string theNumber) :
        name(theName), ssn(theNumber), netPay(0)
    {
        //deliberately empty
    }

    string Employee::getName( ) const
    {
        return name;
    }

    string Employee::getSsn( ) const
    {
        return ssn;
    }

    double Employee::getNetPay( ) const
    {
        return netPay;
    }

    void Employee::setName(string newName)
    {
        name = newName;
    }

    void Employee::setSsn(string newSsn)
    {
        ssn = newSsn;
    }

    void Employee::setNetPay (double newNetPay)
    {
        netPay = newNetPay;
    }

} //SavitchEmployees

```