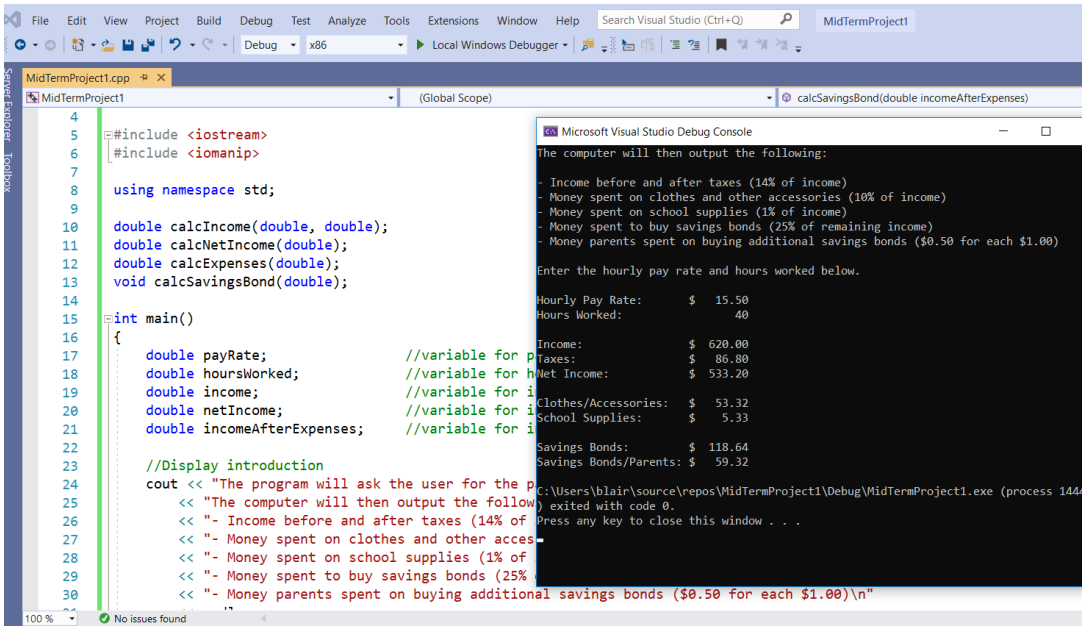
```
// Mickie Blair
// CIST 2361 - CRN 63227
// MidTerm Project - Project 1

#include <iostream>
#include <iomanip>

using namespace std;

double calcIncome(double, double);
double calcNetIncome(double);
double calcExpenses(double);
void calcSavingsBond(double);

int main()
{
	double payRate;					//variable for pay rate
	double hoursWorked;				//variable for hours worked
	double income;					//variable for income
	double netIncome;				//variable for income after taxes
	double incomeAfterExpenses;		//variable for income after expenses

	//Display introduction
	cout << "The program will ask the user for the pay rate and hours worked. \n"
		<< "The computer will then output the following: \n\n"
		<< "- Income before and after taxes (14% of income)\n"
		<< "- Money spent on clothes and other accessories (10% of income)\n"
		<< "- Money spent on school supplies (1% of income)\n"
		<< "- Money spent to buy savings bonds (25% of remaining income)\n"
		<< "- Money parents spent on buying additional savings bonds ($0.50 for each $1.00)\n"
		<< endl;

	//Get pay rate and hours worked from user
	cout << "Enter the hourly pay rate and hours worked below.\n" << endl;

	cout << setw(22) << left << "Hourly Pay Rate:";
	cout << setw(1) << " $   ";
	cin >> payRate;

	cout << setw(22) << left << "Hours Worked:                ";
	cin >> hoursWorked;

	//display blank line
	cout << endl;

	//set precision
	cout << setprecision(2) << fixed;

	//call function to get income
	income = calcIncome(payRate, hoursWorked);

	//call function to calculate and display taxes then return net income
	netIncome = calcNetIncome(income);

	//display blank line
	cout << endl;

	//call function to calculate and display taxes then return net income
	incomeAfterExpenses = calcExpenses(netIncome);

	//display blank line
	cout << endl;
```

```
	//call function to calculate savings bond contributions (user and parents)
	calcSavingsBond(incomeAfterExpenses);

	return 0;
}

//function to calculate, display and return income using pay rate and hours worked
double calcIncome(double pay, double hours)
{
	double income;				//variable for income

	//calculate income
	income = pay * hours;

	//display income
	cout << setw(22) << left << "Income:";
	cout << setw(2) << " $";
	cout << setw(8) << right << income << endl;

	//return income
	return income;
}

//function to calculate, display and return net income
double calcNetIncome(double income)
{
	double netIncome;			//variable for net income
	double tax;				//variable for income
	const double TAX_PERCENT = .14;		//constant for tax percent

	//calculate income
	tax = income * TAX_PERCENT;

	//display taxes
	cout << setw(22) << left << "Taxes:";
	cout << setw(2) << " $";
	cout << setw(8) << right << tax << endl;


	//calculate net income
	netIncome = income - tax;

	//display net income
	cout << setw(22) << left << "Net Income:";
	cout << setw(2) << " $";
	cout << setw(8) << right << netIncome << endl;

	//return netIncome
	return netIncome;
}

//function to calculate and display amount spent on clothes/accessories and school supplies.
//Return income after expenses
double calcExpenses(double netIncome)
{
	const double CLOTHES_PERCENT = .10;	//constant - percent spent on clothes
	const double SCHOOL_PERCENT = .01;	//constant - percent spent on school supplies

	double clothesAmt;			//amount spent on cloths
	double schoolAmt;			//amount spent on school supplies
	double incomeAfterExpenses;		//amount of remaining income
```

```
	//calculate amount spent on clothes and other expense
	clothesAmt = netIncome * CLOTHES_PERCENT;

	//display money spent on clothes
	cout << setw(22) << left << "Clothes/Accessories:";
	cout << setw(2) << " $";
	cout << setw(8) << right << clothesAmt << endl;

	//calculate amount spent on school supplies
	schoolAmt = netIncome * SCHOOL_PERCENT;

	//display money spent on school supplies
	cout << setw(22) << left << "School Supplies:";
	cout << setw(2) << " $";
	cout << setw(8) << right << schoolAmt << endl;

	//calculate the amount of remaining money
	incomeAfterExpenses = netIncome - clothesAmt - schoolAmt;

	//return netIncome
	return incomeAfterExpenses;
}


//function to calculate and display amount used on savings and parental savings contribution
void calcSavingsBond(double incomeAfterExpenses)
{
	const double SAVINGS_PERCENT = .25;	//constant - percent used on savings bond
	const double PARENT_SAVINGS = .50;	//constant - parental contribution $0.50 per dollar

	double savingsAmt;			//amount used for savings bond
	double parentAmt;			//amount of parental savings contribution



	//calculate amount used for savings bond
	savingsAmt = incomeAfterExpenses * SAVINGS_PERCENT;

	//display money used for savings bond
	cout << setw(22) << left << "Savings Bonds:";
	cout << setw(2) << " $";
	cout << setw(8) << right << savingsAmt << endl;

	//calculate amount of parental savings contribution
	parentAmt = savingsAmt * PARENT_SAVINGS;

	//display amount of parental savings contribution
	cout << setw(22) << left << "Savings Bonds/Parents:";
	cout << setw(2) << " $";
	cout << setw(8) << right << parentAmt << endl;
}
```


File Edit View Project Build Debug Test Analyze Tools Extensions Window Help
Search Visual Studio (Ctrl+Q)
MidTermProject1
Debug
x86
Local Windows Debugger
MidTermProject1.cpp
MidTermProject1
(Global Scope)
calcSavingsBond(double incomeAfterExpenses)
#include <iostream>
#include <iomanip>
using namespace std;
double calcIncome(double, double);
double calcNetIncome(double);
double calcExpenses(double);
void calcSavingsBond(double);
int main()
{
double payRate; //variable for p
double hoursWorked; //variable for h
double income; //variable for i
double netIncome; //variable for i
double incomeAfterExpenses; //variable for i
//Display introduction
cout << "The program will ask the user for the p
<< "The computer will then output the follow
<< "- Income before and after taxes (14% of
<< "- Money spent on clothes and other acces
<< "- Money spent on school supplies (1% of
<< "- Money spent to buy savings bonds (25%
<< "- Money parents spent on buying additional savings bonds ($0.50 for each $1.00)\n"
100 %
No issues found
Microsoft Visual Studio Debug Console
The computer will then output the following:
- Income before and after taxes (14% of income)
- Money spent on clothes and other accessories (10% of income)
- Money spent on school supplies (1% of income)
- Money spent to buy savings bonds (25% of remaining income)
- Money parents spent on buying additional savings bonds ($0.50 for each $1.00)
Enter the hourly pay rate and hours worked below.
Hourly Pay Rate: $ 15.50
Hours Worked: 40
Income: $ 620.00
Taxes: $ 86.80
Net Income: $ 533.20
Clothes/Accessories: $ 53.32
School Supplies: $ 5.33
Savings Bonds: $ 118.64
Savings Bonds/Parents: $ 59.32
C:\Users\blair\source\repos\MidTermProject1\Debug\MidTermProject1.exe (process 144
) exited with code 0.
Press any key to close this window . . .

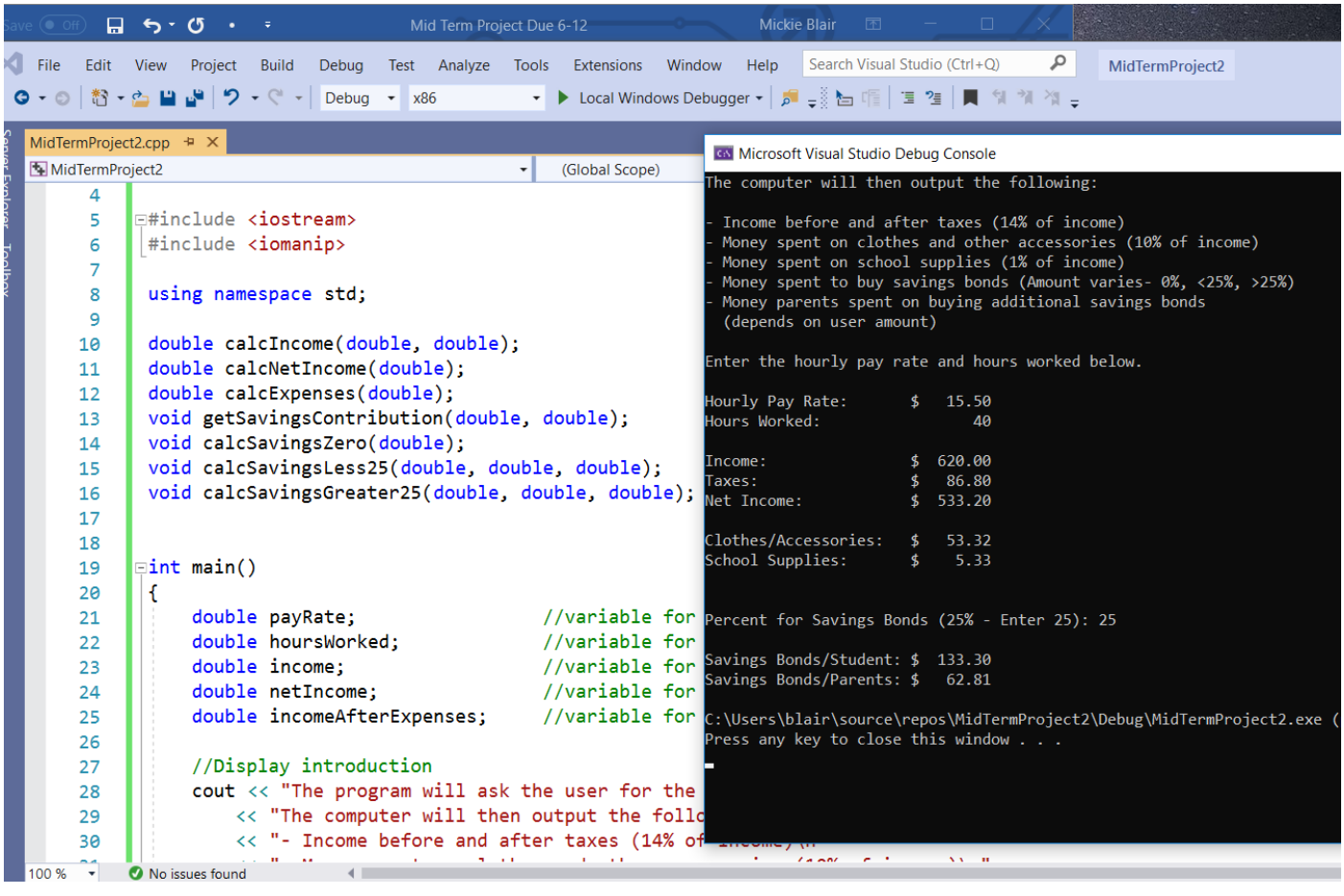
```
// Mickie Blair
// CIST 2361 - CRN 63227
// MidTerm Project - Project 2

#include <iostream>
#include <iomanip>

using namespace std;

double calcIncome(double, double);
double calcNetIncome(double);
double calcExpenses(double);
void getSavingsContribution(double, double);
void calcSavingsZero(double);
void calcSavingsLess25(double, double, double);
void calcSavingsGreater25(double, double, double);


int main()
{
	double payRate;			//variable for pay rate
	double hoursWorked;		//variable for hours worked
	double income;			//variable for income
	double netIncome;		//variable for income after taxes
	double incomeAfterExpenses;	//variable for income after expenses

	//Display introduction
	cout << "The program will ask the user for the pay rate and hours worked. \n"
		<< "The computer will then output the following: \n\n"
		<< "- Income before and after taxes (14% of income)\n"
		<< "- Money spent on clothes and other accessories (10% of income)\n"
		<< "- Money spent on school supplies (1% of income)\n"
		<< "- Money spent to buy savings bonds (Amount varies- 0%, <25%, >25%)\n"
		<< "- Money parents spent on buying additional savings bonds\n"
		<< "  (depends on user amount)\n"
		<< endl;

	//Get pay rate and hours worked from user
	cout << "Enter the hourly pay rate and hours worked below.\n" << endl;

	cout << setw(22) << left << "Hourly Pay Rate:";
	cout << setw(1) << " $   ";
	cin >> payRate;

	cout << setw(22) << left << "Hours Worked:                ";
	cin >> hoursWorked;

	//display blank line
	cout << endl;

	//set precision
	cout << setprecision(2) << fixed;

	//call function to get income
	income = calcIncome(payRate, hoursWorked);

	//call function to calculate and display taxes then return net income
	netIncome = calcNetIncome(income);

	//display blank line
	cout << endl;
```

```
	//call function to calculate and display taxes then return net income
	incomeAfterExpenses = calcExpenses(netIncome);

	//display blank line
	cout << endl;

	//get savings bonds contribution
	getSavingsContribution(incomeAfterExpenses, netIncome);

	//call function to calculate savings bond contributions (user and parents)
	//calcSavingsBond(incomeAfterExpenses);

	return 0;
}

//function to calculate, display and return income using pay rate and hours worked
double calcIncome(double pay, double hours)
{
	double income;				//variable for income

	//calculate income
	income = pay * hours;

	//display income
	cout << setw(22) << left << "Income:";
	cout << setw(2) << " $";
	cout << setw(8) << right << income << endl;

	//return income
	return income;
}

//function to calculate, display and return net income
double calcNetIncome(double income)
{
	double netIncome;			//variable for net income
	double tax;				//variable for income
	const double TAX_PERCENT = .14;		//constant for tax percent

	//calculate income
	tax = income * TAX_PERCENT;

	//display taxes
	cout << setw(22) << left << "Taxes:";
	cout << setw(2) << " $";
	cout << setw(8) << right << tax << endl;


	//calculate net income
	netIncome = income - tax;

	//display net income
	cout << setw(22) << left << "Net Income:";
	cout << setw(2) << " $";
	cout << setw(8) << right << netIncome << endl;

	//return netIncome
	return netIncome;
}

//function to calculate and display amount spent on clothes/accessories and school supplies.
//Return income after expenses
```

```
double calcExpenses(double netIncome)
{
	const double CLOTHES_PERCENT = .10;	//constant - percent spent on clothes
	const double SCHOOL_PERCENT = .01;	//constant - percent spent on school supplies

	double clothesAmt;			//amount spent on cloths
	double schoolAmt;			//amount spent on school supplies
	double incomeAfterExpenses;		//amount of remaining income


	//calculate amount spent on clothes and other expense
	clothesAmt = netIncome * CLOTHES_PERCENT;

	//display money spent on clothes
	cout << setw(22) << left << "Clothes/Accessories:";
	cout << setw(2) << " $";
	cout << setw(8) << right << clothesAmt << endl;

	//calculate amount spent on school supplies
	schoolAmt = netIncome * SCHOOL_PERCENT;

	//display money spent on school supplies
	cout << setw(22) << left << "School Supplies:";
	cout << setw(2) << " $";
	cout << setw(8) << right << schoolAmt << endl;

	//calculate the amount of remaining money
	incomeAfterExpenses = netIncome - clothesAmt - schoolAmt;

	//return netIncome
	return incomeAfterExpenses;
}

//function for savings bonds contribution
void getSavingsContribution(double incomeAfterExpenses, double netIncome)
{
	double savingsPercent;	//variable for user input of savings contribution

	//display blank line
	cout << endl;

	//ask user for the percent they wish to use to buy savings bonds
	cout << "Percent for Savings Bonds (25% - Enter 25): ";
	cin >> savingsPercent;

	//if - else if statement to call functions for various contributions
	if (savingsPercent == 0)
		calcSavingsZero(incomeAfterExpenses);
	else if (savingsPercent > 0 && savingsPercent < 25)
		calcSavingsLess25(savingsPercent, netIncome, incomeAfterExpenses);
	else if (savingsPercent >= 25)
		calcSavingsGreater25(savingsPercent, netIncome, incomeAfterExpenses);

}

//function to calculate and display amount used on savings and parental savings contribution
//when user contribution is zero percent
void calcSavingsZero(double incomeAfterExpenses)
{
	const double PARENT_SAVINGS = .01; //constant-parental contrib. 1% of income after expenses
	double parentAmt;		//amount of parental savings contribution
```

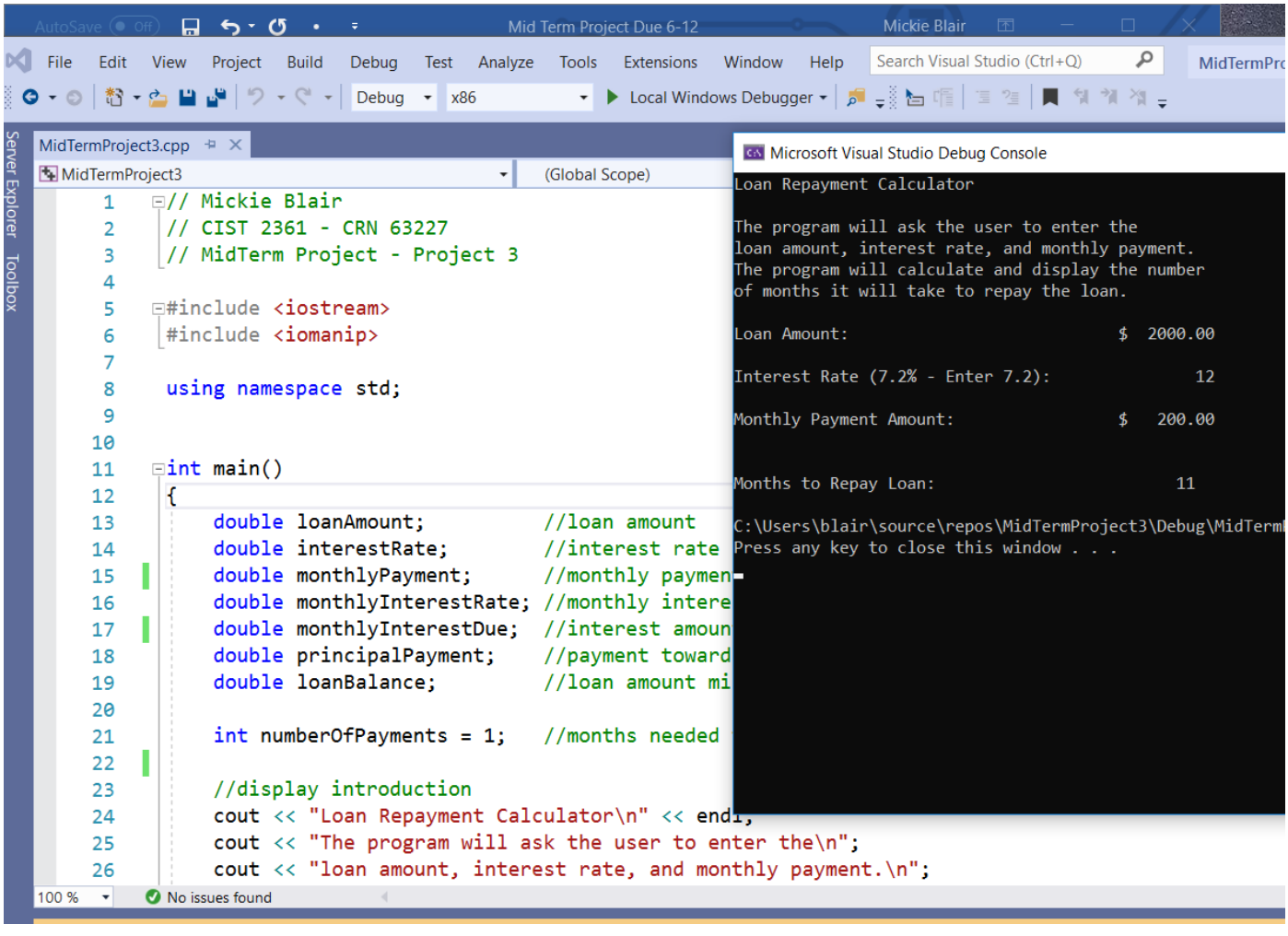
```
        //display blank line
        cout << endl;

        //display user contribution to savings bond as zero
        cout << setw(22) << left << "Savings Bonds/Student:";
        cout << setw(2) << " $";
        cout << setw(8) << right << 0.00 << endl;

        //calculate parental contribution to savings bonds
        parentAmt = incomeAfterExpenses * PARENT_SAVINGS;

        //display amount of parental savings contribution
        cout << setw(22) << left << "Savings Bonds/Parents:";
        cout << setw(2) << " $";
        cout << setw(8) << right << parentAmt << endl;
}

//function to calculate and display amount used on savings and parental savings contribution
//when user contribution is greater than zero but less than 25% of net income
void calcSavingsLess25(double savingsPercent, double netIncome, double incomeAfterExpenses)
{
        const double PARENT_NET = .25;     //constant-parental contrib. $0.25 per dollar of net income
        const double PARENT_SAVINGS = .01; //constant-parental contrib. 1% of income after expenses

        double savingsAmt;                 //amount used for savings bond
        double parentAmt;                  //amount of parental savings contribution

        //display blank line
        cout << endl;

        //calculate amount used for savings bond
        savingsAmt = netIncome * (savingsPercent/100);

        //display money used for savings bond
        cout << setw(22) << left << "Savings Bonds/Student:";
        cout << setw(2) << " $";
        cout << setw(8) << right << savingsAmt << endl;

        //calculate amount of parental savings contribution
        parentAmt = (savingsAmt * PARENT_NET) + (incomeAfterExpenses * PARENT_SAVINGS);

        //display amount of parental savings contribution
        cout << setw(22) << left << "Savings Bonds/Parents:";
        cout << setw(2) << " $";
        cout << setw(8) << right << parentAmt << endl;
}

//function to calculate and display amount used on savings and parental savings contribution
//when user contribution is greater than/equal to 25% of net income
void calcSavingsGreater25(double savingsPercent, double netIncome, double incomeAfterExpenses)
{
        const double PARENT_NET = .40;//constant-parental contrib. $0.40 per dollar of net income
        const double PARENT_SAVINGS = .02; //constant-parental contrib. 2% of income after expenses

        double savingsAmt;                 //amount used for savings bond
        double parentAmt;                  //amount of parental savings contribution

        //display blank line
        cout << endl;

        //calculate amount used for savings bond
        savingsAmt = netIncome * (savingsPercent / 100);
```

```
        //display money used for savings bond
        cout << setw(22) << left << "Savings Bonds/Student:";
        cout << setw(2) << " $";
        cout << setw(8) << right << savingsAmt << endl;

        //calculate amount of parental savings contribution
        parentAmt = (savingsAmt * PARENT_NET) + (incomeAfterExpenses * PARENT_SAVINGS);

        //display amount of parental savings contribution
        cout << setw(22) << left << "Savings Bonds/Parents:";
        cout << setw(2) << " $";
        cout << setw(8) << right << parentAmt << endl;
}
```



```cpp
// Mickie Blair
// CIST 2361 - CRN 63227
// MidTerm Project - Project 3

#include <iostream>
#include <iomanip>

using namespace std;


int main()
{
	double loanAmount;				//loan amount
	double interestRate;				//interest rate
	double monthlyPayment;				//monthly payment
	double monthlyInterestRate;			//monthly interest rate
	double monthlyInterestDue;			//interest amount for month
	double principalPayment;			//payment toward principal
	double loanBalance;				//loan amount minus the principal payment

	int numberOfPayments = 1;			//months needed to payment back the loan

	//display introduction
	cout << "Loan Repayment Calculator\n" << endl;
	cout << "The program will ask the user to enter the\n";
	cout << "loan amount, interest rate, and monthly payment.\n";
	cout << "The program will calculate and display the number\n";
	cout << "of months it will take to repay the loan.\n" << endl;

	cout << setprecision(2) << fixed;

	//ask the user for loan amount
	cout << "Loan Amount: \t\t\t\t";
	cout << setw(3) << "$  ";
	cin >> loanAmount;

	//set the loan balance to the beginning loan amount
	loanBalance = loanAmount;

	//display blank line
	cout << endl;

	//ask the user for interest rate
	cout << "Interest Rate (7.2% - Enter 7.2): \t\t";
	cin >> interestRate;

	//display blank line
	cout << endl;

	//ask the user for monthly payment
	cout << "Monthly Payment Amount: \t\t";
	cout << setw(3) << "$   ";
	cin >> monthlyPayment;

	//display blank line
	cout << endl;

	//calculate monthly interest rate
	monthlyInterestRate = ((interestRate / 100) / 12);

	//use function to get monthly interest due
	monthlyInterestDue = loanBalance * monthlyInterestRate;
```

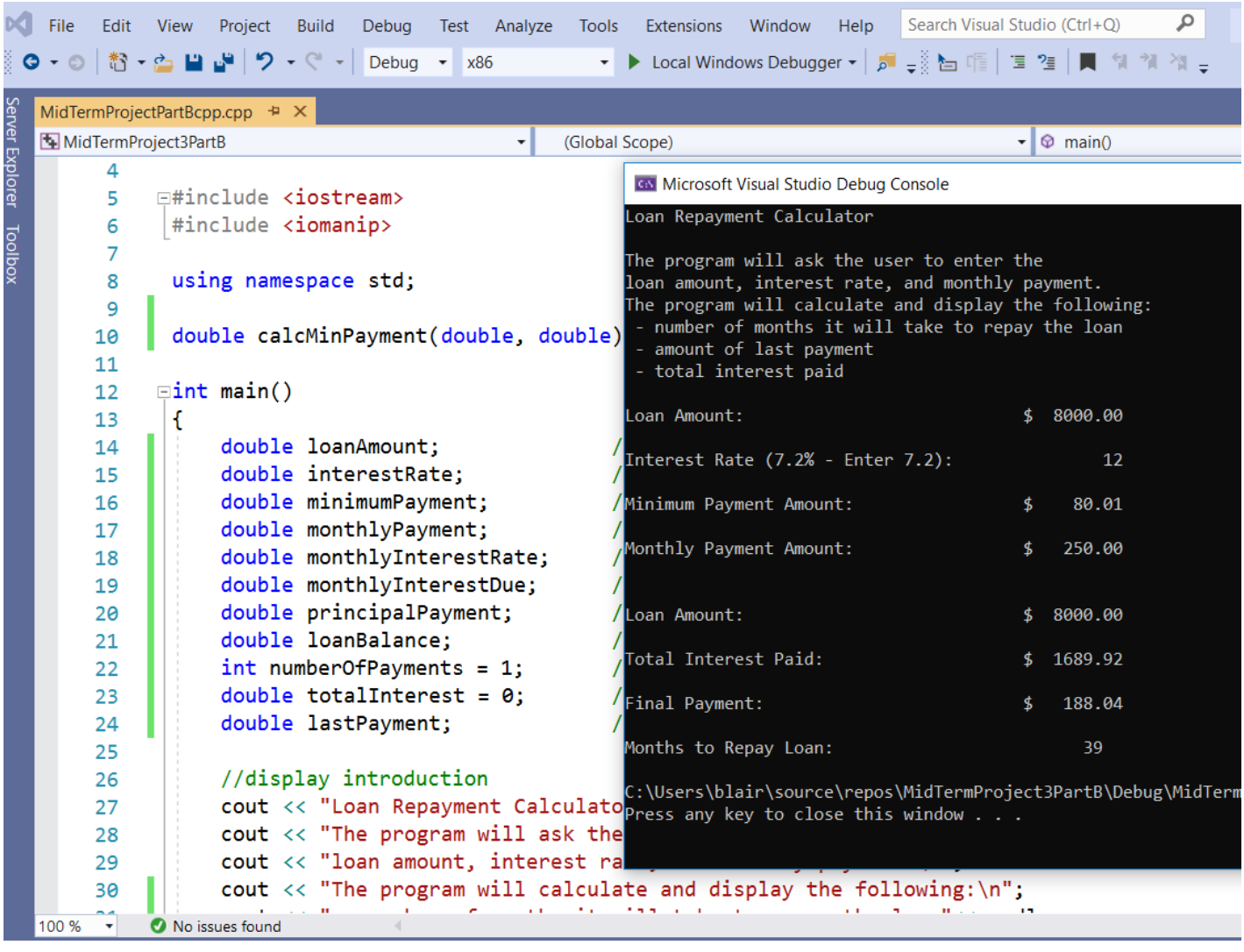
```
	//display message that the payment amount is too low
	while (monthlyPayment < monthlyInterestDue)
	{
		//display monthly interest due
		cout << "\nInterest Due: \t\t\t\t";
		cout << setw(3) << "$  ";
		cout << setw(8) << right << monthlyInterestDue << endl;

		//display blank line
		cout << endl;

		cout << "The monthly Payment is less than the interest due." << endl;
		cout << "The loan could not be repaid with a payment this amount.\n" << endl;
		cout << "Please enter a monthly payment greater than the interest due." << endl;

		//display blank line
		cout << endl;

		//ask the user for monthly payment
		cout << "Monthly Payment Amount: \t\t";
		cout << setw(3) << "$    ";
		cin >> monthlyPayment;

		//calculate monthly interest rate
		monthlyInterestRate = ((interestRate / 100) / 12);

		//use function to get monthly interest due
		monthlyInterestDue = loanBalance * monthlyInterestRate;

	}

	do
	{
		//calculate monthly interest due
		monthlyInterestDue = loanBalance * monthlyInterestRate;

		//calculate payment information
		principalPayment = monthlyPayment - monthlyInterestDue;

		//calculate the loan balance
		loanBalance -= principalPayment;

		if (loanBalance > 0)
		{
			//increment payment number
				numberOfPayments++;
		}

	}
	while (loanBalance > 0);

	//display blank line
	cout << endl;

	//number of months it will take to pay off the loan
	cout << "Months to Repay Loan: \t\t\t";
	cout << setw(8) << right << numberOfPayments << endl;

	return 0;
}
```


Mid Term Project Due 6-12
Mickie Blair
File Edit View Project Build Debug Test Analyze Tools Extensions Window Help
Search Visual Studio (Ctrl+Q)
Debug
x86
Local Windows Debugger
MidTermProject3.cpp
MidTermProject3
(Global Scope)
// Mickie Blair
// CIST 2361 - CRN 63227
// MidTerm Project - Project 3
#include <iostream>
#include <iomanip>
using namespace std;
int main()
{
double loanAmount; //loan amount
double interestRate; //interest rate
double monthlyPayment; //monthly paymen
double monthlyInterestRate; //monthly intere
double monthlyInterestDue; //interest amoun
double principalPayment; //payment toward
double loanBalance; //loan amount mi
int numberOfPayments = 1; //months needed
//display introduction
cout << "Loan Repayment Calculator\n" << endl;
cout << "The program will ask the user to enter the\n";
cout << "loan amount, interest rate, and monthly payment.\n";
100 %
No issues found
Microsoft Visual Studio Debug Console
Loan Repayment Calculator
The program will ask the user to enter the
loan amount, interest rate, and monthly payment.
The program will calculate and display the number
of months it will take to repay the loan.
Loan Amount: $ 2000.00
Interest Rate (7.2% - Enter 7.2): 12
Monthly Payment Amount: $ 200.00
Months to Repay Loan: 11
C:\Users\blair\source\repos\MidTermProject3\Debug\MidTerm
Press any key to close this window . . .

```cpp
// Mickie Blair

// CIST 2361 - CRN 63227
// MidTerm Project - Project 3

#include <iostream>
#include <iomanip>

using namespace std;

double calcMinPayment(double, double);

int main()
{
	double loanAmount;			//loan amount
	double interestRate;			//interest rate
	double minimumPayment;			//minimum monthly payment
	double monthlyPayment;			//monthly payment
	double monthlyInterestRate;		//monthly interest rate
	double monthlyInterestDue;		//interest amount for month
	double principalPayment;		//payment toward principal
	double loanBalance;			//loan amount minus the principal payment
	int numberOfPayments = 1;		//months needed to payment back the loan
	double totalInterest = 0;		//total amount of loan over the entire period
	double lastPayment;			//loan amount plus interest amount due

	//display introduction
	cout << "Loan Repayment Calculator\n" << endl;
	cout << "The program will ask the user to enter the\n";
	cout << "loan amount, interest rate, and monthly payment.\n";
	cout << "The program will calculate and display the following:\n";
	cout << " - number of months it will take to repay the loan"<< endl;
	cout << " - amount of last payment" << endl;
	cout << " - total interest paid\n" << endl;

	cout << setprecision(2) << fixed;

	//ask the user for loan amount
	cout << "Loan Amount: \t\t\t\t";
	cout << setw(3) << "$  ";
	cin >> loanAmount;

	//display blank line
	cout << endl;

	//ask the user for interest rate
	cout << "Interest Rate (7.2% - Enter 7.2):   \t\t";
	cin >> interestRate;

	//display blank line
	cout << endl;

	//calculate monthly interest rate
	monthlyInterestRate = ((interestRate / 100) / 12);

	//call function to calculate minimum monthly Payment
	minimumPayment = calcMinPayment(loanAmount, monthlyInterestRate);

	//display the minimum payment
	cout << "Minimum Payment Amount: \t\t";
	cout << setw(3) << "$    ";
	cout << minimumPayment;
```

```
//display blank line
cout << endl;

//ask the user for monthly payment
cout << "\nMonthly Payment Amount: \t\t";
cout << setw(3) << "$   ";
cin >> monthlyPayment;

//display blank line
cout << endl;

//display message that the payment amount is too low
while (monthlyPayment < minimumPayment)
{
	cout << "The monthly payment is less than the minimum payment." << endl;
	cout << "Please enter a monthly payment greater than or" << endl;
	cout << "equal to the minimum payment." << endl;

	//display blank line
	cout << endl;

	//ask the user for monthly payment
	cout << "Monthly Payment Amount: \t\t";
	cout << setw(3) << "$    ";
	cin >> monthlyPayment;
}

//set the loan balance to the beginning loan amount
loanBalance = loanAmount;

//use function to get monthly interest due
monthlyInterestDue = loanBalance * monthlyInterestRate;

while (loanBalance > monthlyPayment)
{
	//calculate the monthly interest due
	monthlyInterestDue = loanBalance * monthlyInterestRate;

	//calculate payment information
	principalPayment = monthlyPayment - monthlyInterestDue;

	//calculate the loan balance
	loanBalance -= principalPayment;

	//calculate total interest
	totalInterest += monthlyInterestDue;

	//increment payment number
	numberOfPayments++;
}

//display blank line
cout << endl;

//display original loan amount
cout << "Loan Amount: \t\t\t\t";
cout << setw(2) << "$ ";
cout << setw(8) << right << loanAmount << endl;

//display blank line
cout << endl;
```

```
        //calculate the monthly interest due on the remaining balance
        monthlyInterestDue = loanBalance * monthlyInterestRate;

        //adding last interest amount to total interest
        totalInterest += monthlyInterestDue;

        //set last payment eqauls to balance due
        lastPayment = loanBalance;

        //display total interest paid
        cout << "Total Interest Paid: \t\t\t";
        cout << setw(2) << "$ ";
        cout << setw(8) << right << totalInterest << endl;

        //display blank line
        cout << endl;

        //display last Payment
        cout << "Final Payment: \t\t\t\t";
        cout << setw(2) << "$ ";
        cout << setw(8) << right << lastPayment << endl;

        //display blank line
        cout << endl;

        //number of months it will take to pay off the loan
        cout << "Months to Repay Loan: \t\t\t";
        cout << setw(8) << right << numberOfPayments << endl;

        return 0;
}

//function to calculate monthly minimum payment
double calcMinPayment(double loanAmount, double monthlyInterestRate)
{
        double minimum;             //minimum payment

        minimum = (loanAmount * monthlyInterestRate) + 0.01;

        return minimum;
}
```


File Edit View Project Build Debug Test Analyze Tools Extensions Window Help
Search Visual Studio (Ctrl+Q)
Debug
x86
Local Windows Debugger
MidTermProjectPartBcpp.cpp
MidTermProject3PartB
(Global Scope)
main()
Server Explorer
Toolbox
#include <iostream>
#include <iomanip>
using namespace std;
double calcMinPayment(double, double)
int main()
{
double loanAmount;
double interestRate;
double minimumPayment;
double monthlyPayment;
double monthlyInterestRate;
double monthlyInterestDue;
double principalPayment;
double loanBalance;
int numberOfPayments = 1;
double totalInterest = 0;
double lastPayment;
//display introduction
cout << "Loan Repayment Calculato
cout << "The program will ask the
cout << "loan amount, interest ra
cout << "The program will calculate and display the following:\n";
Microsoft Visual Studio Debug Console
Loan Repayment Calculator
The program will ask the user to enter the
loan amount, interest rate, and monthly payment.
The program will calculate and display the following:
- number of months it will take to repay the loan
- amount of last payment
- total interest paid
Loan Amount: $ 8000.00
Interest Rate (7.2% - Enter 7.2): 12
Minimum Payment Amount: $ 80.01
Monthly Payment Amount: $ 250.00
Loan Amount: $ 8000.00
Total Interest Paid: $ 1689.92
Final Payment: $ 188.04
Months to Repay Loan: 39
C:\Users\blair\source\repos\MidTermProject3PartB\Debug\MidTerm
Press any key to close this window . . .
100 %
No issues found