Name1: _____

Name2: _____

Class Day / Time: _____

Due Date: _____

Lab 7: Pocket Money

Write the pseudocode, draw a flowchart, and then write the code for a program that will keep track of how much pocket money the user has. Every week the user is given $20.00 of pocket money (this value will not change). This program will obtain from the user the user's full name, amount left from the previous week and the amount spent in the current week. Then it will calculate and output how much money is left. **USE the template provided on the next page – Do not change the names of the variables described.**

Run the code above 3 times to produce the following output.

EXPECTED INPUT/OUTPUT

```
What is your name?                Jean Cyr
How much is left from last week?  12.50
How much have you spent?          23.00

Hello Jean Cyr!
You now have $ 9.50 left.
```

```
What is your name?                Pete McBride
How much is left from last week?  25.15
How much have you spent?          32.76

Hello Pete McBride!
You now have $ 12.39 left.
```

```
What is your name?                Chris Carroll
How much is left from last week?  5.25
How much have you spent?          16.50

Hello Chris Carroll
You now have $ 8.75 left.
```

TURN IN

1 – Turn in the **FIRST PAGE ONLY** of this lab as a cover sheet.

2 – Pseudocode.

3 – Source code

4 – Output – cut and pasted into a word pad file.

Template

```
/*****************************************************************************
 * AUTHOR1:                                                                  *
 * AUTHOR 2:                                                                 *
 * Lab 7: Pocket Money                                                       *
 * CLASS: CS1A                                                               *
 * SECTION:                                                                  *
 * Due Date:                                                                 *
 *****************************************************************************/

// place preprocessor directives here

/*****************************************************************************
 *  Pocket Money Program                                                     *
 *  ________________________________________________________________________ *
 *  This program receives the pocket money left over from the previous       *
 *  week  and the amount spent in the current week from the user and         *
 *  calculates how much pocket money is remaining. Each week the user        *
 *  is allocated $20.00.                                                     *
 *  ________________________________________________________________________ *
 *  INPUTS:      userName:  The user's name.                                 *
 *               prevAmt:  Amount left over from the previous week.          *
 *               amtSpent:  Amount spent this week.                          *
 *  OUTPUTS:  userName: User's Name                                          *
 *               pocketMoney:  Amount of pocket money remaining              *
 *****************************************************************************/

int main ()
{
// declare your constants here


// Declare your variables here -- include your data table


//  INPUT:  (description of your inputs)


 // PROCESSING:  (description of your inputs)


//  OUTPUT: (description of your inputs)

}
```