Stephanie Wyckoff  
CSc 3320 Programming Challenge #3  
Account: swyckoff1  
Due date: 9/13/16

[GSUAD\swyckoff1@snowball ~]$ vi pc3.c  
[GSUAD\swyckoff1@snowball ~]$ cat pc3.c

/\*  
 \* pc3.c //working title for Programming Challenge #3  
 \*  
 \* Stephanie Wyckoff  
 \* Account: swyckoff1  
 \* CSc 3320  
 \* Programming Challenge #3  
 \* Due date: 9/13/16  
 \*  
 \* Description: This program calculates the total cost of a cell phone plan according to user inputs.  
 \*  
 \* Input: User will input the number of months for a cell phone plan as well as the cost per month.  
 \*  
 \* Output: The program outputs requests for the user to provide the number of months of the phone plan, the cost per month of the plan. After calculating, the program outputs the users input back, formatted to 4 spaces before the decimal, 2 after the decimal and a dollar sign.  
 \*  
 \*/

#include <stdio.h>

int main() {

// Find the sum 1..5

int months = 0;  
 float payment = 0.0;  
 float totalPayment = 0.0;

printf("Please enter the length of your phone plan in months: ");  
 scanf("%d", &months);

printf("\nPlease enter the cost per month of your phone plan (00.00): ");  
 scanf("%f", &payment);

totalPayment = months \* payment;

printf("\nYour phone plan lasts %d months and you pay $%4.2f per month.\n", months, payment);

printf("Your total amount to pay is $%7.2f.\n", totalPayment);

return 0;

}

[GSUAD\swyckoff1@snowball ~]$ gcc pc3.c -o pc3

[GSUAD\swyckoff1@snowball ~]$ ./pc3

Please enter the length of your phone plan in months: 10  
Please enter the cost per month of your phone plan (00.00): 79.99

Your phone plan lasts 10 months and you pay $79.99 per month.  
Your total amount to pay is $ 799.90.

[GSUAD\swyckoff1@snowball ~]$