Solution to Practice Problems #1:

```c
/*****************************************************************************
 SOLUTION to:  Practice problems for:
   -- Getting Input From the User by Using scanf.

 The second problem (TODO's 4 and 3) also provides practice for:
   -- Using Pointers to Send Information Back From a Function.

 Problems designed by David Mutchler, July 2010.  Solution by David Mutchler.
 ****************************************************************************/

#include <stdio.h>
#include <stdlib.h>

void printInputSum();

int main() {
    /*****************************************************************************
         *** TODO 2 ***
      Write code here that calls
         printInputSum (which you write below).
    ****************************************************************************/
    printInputSum();

    return EXIT_SUCCESS;
}

    // (solution continues on the next page)
```

```c
/*******************************************************************
      *** TODO 1 ***
 Write a function called
     printInputSum
 that takes NO parameters.  It prompts for and inputs:
   -- two floating-point numbers stored in double-precision variables (double)
   -- two integers stored in ordinary integer variables (int)
   -- two floating-point numbers stored in single-precision variables (float)
 It then prints the sum of these six numbers.

 Finally, after printing the sum, it prompts for a word, then prints "Hello "
 followed by the input word.
 (You may assume the word the user enters is never more than 99 characters.)

 Here is a sample run:

   Enter 6 numbers (2 double's, 2 int's, 2 float's):
    10.1  -20.001  100   -90   5.1   6.29005
   11.489050
   Enter a word: TigerWoods
   Hello TigerWoods
********************************************************************/
void printInputSum() {
    double x, y;
    int a, b;
    float u, v;
    char name[100];

    printf("Enter 6 numbers (2 double's, 2 int's, 2 float's): ");
    fflush(stdout);

    scanf("%lf %lf %i %i %f %f", &x, &y, &a, &b, &u, &v);

    printf("%f\n", x + y + a + b + u + v);

    printf("Enter a word: ");
    fflush(stdout);

    scanf("%s", name);

    printf("Hello %s\n", name);
}
```