**Laney College**

**Computer Information Systems (CIS) Department**

**Programming Assignment Cover Sheet**

**Class: CIS26Fall2011**

**Name: KaChiLau**

**Email:** [**Nicokorin@hotmail.com**](mailto:Nicokorin@hotmail.com)

**Lab Number: Lab3**

**Exercise Number: Ex3**

**Actual Turn-in Date: September 29, 2011**

**Date of Emailing of Last Revision: September 22, 2011**

**Problem:**

**Exercise 3 –** Due **Thursday, September 29, 2011**

1. Write a C program that will ask for a floating-point value and then display the ten-digit of the integral part and the second most significant digit of the fractional (decimal) part.
2. The program should display the output to screen as

**CIS 26 – C Programming**

**Fall 2011**

**ClassCode**

**Laney College**

**Your Name**

**Assignment Information --**

**Assignment Number: Lab 03,**

**Coding Assignment -- Exercise #3**

**Written by: Your Name**

**Submitted Date: Due Date**

**Enter a floating-point + [ENTER] : 135.246**

**The ten digit of the integral part: 3**

**The second most significant digit of fractional part: 4**

**Enter another floating-point + [ENTER] : 296.135**

**The ten digit of the integral part: 9**

**The second most significant digit of fractional part: 3**

(3) You need to replace “**Your Name**” with your real name for the above output.

(4) You need to replace “**Due Date**” with the specified due date.

(5) Save the program as cis26Fall2011ClassCodeYourNameLab3CodeEx3.c.

**Code:**

/\*\*

\*Program Name: CIS26Fall2011L43671KaChiLauLab3Ex3.c

\*Discussion: Formatted Inputs

\*/

#include <stdio.h>

int main () {

int klA;

int klB;

int klC;

int klD;

float klY;

float klX;

printf("CIS 26 - C Programming\n");

printf("Fall 2011\n");

printf("L43671\n");

printf("Laney College\n");

printf("KaChiLau\n");

printf("\n");

printf("Assignment Information --\n");

printf(" Assignment Number: Lab 03,\n");

printf(" Coding Assignment -- Exercise #3\n");

printf(" Written by: KaChiLau\n");

printf(" Submitted Date: September 29,2011\n");

printf("\n");

printf("Enter a floating-point + [ENTER] : ");

scanf("%f", &klX);

klA = klX / 10;

klB = klA % 10;

klC = klX \* 100;

klD = klC % 10;

printf("The ten digit of the integral part: %d\n", klB);

printf("The second most significant digit of fractional part : %d\n", klD);

printf("\n");

printf("Enter another floating-point + [ENTER] : ");

scanf("%f", &klY);

klA = klY / 10;

klB = klA % 10;

klC = klY \* 100;

klD = klC % 10;

printf("The ten digit of the integral part: %d\n", klB);

printf("The second most significant digit of fractional part : %d\n", klD);

printf("\n");

return 0;

}

**Output:**

CIS 26 - C Programming

Fall 2011

L43671

Laney College

KaChiLau

Assignment Information --

Assignment Number: Lab 03,

Coding Assignment -- Exercise #3

Written by: KaChiLau

Submitted Date: September 29,2011

Enter a floating-point + [ENTER] : 135.246

The ten digit of the integral part: 3

The second most significant digit of fractional part : 4

Enter another floating-point + [ENTER] : 296.135

The ten digit of the integral part: 9

The second most significant digit of fractional part : 3

**Comment:**