Name: **Id#**

ICS 103, Term 132

Computer Programming in C
Quiz# 1

Date: Tuesday, Feb. 11, 2014

Q1. Fill the blank in each of the following:

(1) _____ is volatile memory that can be accessed in any order (as opposed to sequential access memory).

(2) _____ is a diagram that shows the step-by-step execution of a program.

(3) Part of the Software development, analyzing the problem involves _____ _____.

(4) In C language, the data type _____ is used for representing integers, the data type _____ is used for representing real numbers and the data type _____ is used for representing characters.

(5) To read a real number and store it in variable **score**, the following statement is used:

_____.

(6) Anything after the symbol _____ and before the end of the line is considered a comment.

(7) Compilers translate _____.

Q2. Find the values of the following expressions.

Expression	Value
(double) (23/3)	
672/100%5	
(double) 6 / (int) 2.5	
14/4*4.0	
int x= 1.8;	x =
double y= 8/3;	y =

Q3. In the grid below, assume that each square represents a space and each row represents a line on the screen. Show how the output of the following program will be displayed.

```c
#include <stdio.h>
int main(void) {
    int i=-956;
    double j=99.517;
    printf("%7.0f %10.2f\n",j,j);
    printf("%3d %6d",i,i);
return 0;
}
```