Name: **Id#**

ICS 103, Term 092

Computer Programming in C
Quiz# 1

Date: Tuesday, March 9, 2010

Q1. Fill the blank in each of the following:

(1) RAM   is   called   random   access   memory   because
_____.

(2) Hard disk is an example of _____ memory.

(3) Assembly   language   is
_____
_____.

(4) Compilers translate _____.

(5) Software   development   is   based   on   the   following   steps:
_____, _____,
_____, _____,
_____, _____.

(6) _____ is a list of steps for solving a problem.

(7) _____ is a combination of English phrases and language constructs to
describe algorithm steps.

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

(9) Preprocessor   directives   are
_____.

(10)   The   #include   directive   is   used   to
_____.

(11)   The   #define   directive   instructs   the   preprocessor   to
_____.

(12)   Anything between the symbols _____ will be considered a comment, even if they span multiple lines.

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

(14)   In C language, the data type **int** is used for representing _____, the data type **double** is used for representing _____ and the data type **char** is used for representing _____.

(15)   Fill the following table:

Placeholder	Variable Type	Function Use
	char	printf/scanf
	int	printf/scanf
	double	printf
	double	scanf

(16)   To read an integer value and store it in variable **num**, the following statement is used:

_____

_____.

Q2. Show the output of the following program in the space provided below it. Each square corresponds to one space.

```
#include <stdio.h>
int main(void) {
    int i = 678;
    double j = 569.987;
    printf("%4.1f %9.2f\n",j,j);
    printf("%2d %7d",i,i);
return 0;
}
```

```
569.9    569.99
678     678
```