

CS 60  
FIRST QUIZ  
June 25, 2009

WRITE ALL YOUR ANSWERS ON SPACE PROVIDED.  
ANSWER ALL FOUR QUESTIONS. TOTAL POINTS IS 33.

NAME: \_\_\_\_\_

**1 { Circle for each part True or False depending whether or not the statement is true or false. Each question is worth 1.5 Points }**

- { True or **False** } The first UNIX was created by fellows working for IBM.
- { True or **False** } LINUX was started by Microsoft.
- { True or **False** } The predecessor of Unix was Linux.
- { **True** or False } The C language is a procedural language.
- { **True** or False } UNIX supports a hierarchical directory structure.
- { True or **False** } The programming language C was created by Berkeley students.
- { **True** or False } The C++ compiler that we use in CSIL is **g++**.
- { **True** or False } C++ and Java are object oriented languages.
- { True or **False** } The command **ls** is used to change the current directory.
- { **True** or False } The number of bytes used to store a **double** is 8.
- { **True** or False } The number of bytes used to store a **long int** is the same as the ones needed to store an **int**.
- { True or **False** } The language C has a basic Boolean type.
- { **True** or False } The line **x = (double) y;** uses casting.
- { True or **False** } The line **int const x = 2;** is a valid line in C.
- { **True** or False } The command **gcc xxx.c** compiles the program stored in file **xxx.c** and leaves the executable in a file called **a.out**.
- { True or **False** } The line **enum a, b, c, d** assigns **a** the value 4, **b** the value 3, **c** the value 2, and **d** the value of 1.
- { **True** or False } One uses **%d** to print an int.

- { True or **False** } When we write 01110 in C we mean the number 01110 in binary.
- { **True** or **False** } The lines

```
int i,j;
i = 17;
j = 019;
if (i == j) printf("i equals j");
```

will print the following words: i equals j

- { True or **False** } The operator `||` means “and” in C.
- { **True** or **False** } In C the operator `<<` means left shift.
- { True or **False** } In C the operator `←` is the assignment operator.