Name: _____   BB id: _____

Workshop Leader: _____

CSC171 — Quiz 2

Instructions:

- Write your name and BlackBoard id CLEARLY at the top of this page.
- Copy and sign the declaration of academic honesty on this page.
- You have ten (10) minutes for this quiz once it starts.
- Keep your eyes on your own paper.
- **DO NOT TURN OVER THIS QUIZ UNTIL INSTRUCTED TO DO SO.**

Declaration of Academic Honesty:
I affirm that I will not give or receive any unauthorized help on this exam, and that all work will be my own.

_____

_____

_____

Signed: _____   Date: _____

PLEASE KEEP YOUR EYES ON YOUR OWN PAPER

1. Water freezes to ice at or below 0 degrees Celsius, and boils to steam at or above 100 degrees C. Starting with the following variable declaration, write a conditional statement that prints "ice", "water", or "steam" depending on the value of the temperature. [3 pts]

```
double tempC;
```

2. Suppose you are writing code for a game involving dice (see picture). In the game, the user rolls two dice. If both dice are 1's, the roll is "unlucky." If one of the dice is 6 and the other is not, the roll is "lucky." If both dice are 6, the roll is "very lucky." Otherwise the roll is "meh." [3 pts]

Starting from the following variable declarations, write the code to print out the total of the two dice and the description as defined above. Not a whole program or method; just the code to do the job.

```
int d1;
int d2;
```

PLEASE KEEP YOUR EYES ON YOUR OWN PAPER