1. (3) Name 3 high-level programming languages.
   Java, C, C++, Python, Perl, Fortran

2. (3) Name 3 modern operating systems.
   Windows (many flavors), Macintosh OS X, Unix/Linux (many flavors)

3. (2) Name 2 IDEs or so-called Integrated Development Environments for Java. An IDE provides a user-friendly setup to write Java programs.
   Eclipse, NetBeans

4. (3) Java is called an object-oriented programming language. Therefore, every Java program must have at least one object in it. What is the exact term used in a Java program for an object?
   The term used in class.

5. (3) In an object-oriented programming language like Java, every object is given some capabilities so that it can perform computation. What are these capabilities called in Java?
   Such capabilities are called methods.

6. (3) In Java, each object must have at least one method, the primary method. What must be the exact name of the primary method for an object in Java?
   The name of the primary method must always be main.

7. (2) What does the term comment mean inside a program? There are two ways write a comment in Java. Show one such method by writing a comment of your own.
   //Declare variables for use within the program
   /*Declare variables for use within the program*/

8. (3) What is the programming statement you have to write in Java to print the following string: Welcome to UCCS?!
   System.out.println ("Welcome to UCCS!");
9. (8) Write a program in Java that is called *ColoradoLover*. It simply prints the string *I love Colorado!* on the screen or console.

```java
class ColoradoLover {
    public static void main (String [] args)
    {
        System.out.println("I love Colorado!");
    }
}
```