From: Computer Science
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Subject: Code from Friday: Computer Science
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Here is the code from Friday's class. You can build on this for your practice if you want.

First program: Shows issues with doubles representing numbers with many digits.

```
package doubleAdd;
/**
 * @author deanh
 */
public class DoubleAddition {
        /**
         * @param args
         */
        public static void main(String[] args) {
                System.out.println(73254200000000000.0);
                System.out.println(732542000000000000.0);
                System.out.println(7325420000000000000.0);
                System.out.println(73254200000000000000.0);
                double result = 732542000000000000000.0 + 1;
                System.out.println(result);
        }
}
```

Second program: Shows conversion to String and use of '+' for either addition or concatenation of Strings, depending on context.

```
package doubleRep;
/**
 * @author deanh
 */
public class DoubleRepresentation {
        /**
         * @param args
         */
        public static void main(String[] args) {
                int a = 3;
                int b = 9;
                System.out.println("A+B is " + (a + b));
        }
}
```

Third program: Shows use of Scanner to get input from the user.

```
package dogInfo;
/**
 * @author deanh
 */
import java.util.Scanner;

public class DogInfo {
        public static void main(String[] args) {
        /**
         * @param args
         */
                Scanner keyboard = new Scanner(System.in);
                String name;
                int age;
```

```
        name = keyboard.next() + keyboard.next();
        age = keyboard.nextInt();

        System.out.println(name + " " + age);

        keyboard.close();
    }
}
```

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