

Data Types Practice

Create a new class, and enter each of the following code examples shown below. After each example, run the program, and record the output.

```
/**
 * Program Name:    DataTypesPractice.java
 * Purpose:         To practice using different data types
 * Coder:           Your Name Here, Student Number
 * Date:           January, 2017
 */

public class DataTypesPractice
{
    public static void main(String[] args)
    {
        //Example 1
        short value = 32;
        System.out.println("A short:  " + value);
        System.out.println();

        //Example 2
        double num = 16;
        System.out.println("A double:  " + num);
        System.out.println("num to the power 3:  " + Math.pow(num, 3));
        System.out.println();

        //Example 3
        char ch = 'A';
        System.out.println("A char:  " + ch);
        System.out.println();

        //Example 4
        int number = 4;
        System.out.println(number);
        System.out.println();

        //Example 5
        char code;
        for (int x = 33; x < 128; x++)
        {
            code = (char)x;
            System.out.println(code);
        }
        System.out.println();

        //Example 6
        double real;
        for (int y = 1; y < 10; y++)
        {
            real = (double)y;
            System.out.println(y + " " + real);
        }
        System.out.println();
    } //End of main method
} //End of class
```