

Question Sheet 1

Name: _____ ID: _____

These questions do not have a formal, definitive answer. They are meant to be food for thoughts. Feel free to seek answers on browsing the Internet, talking to other software developers or reading books.

1. How did the language Java come to being?
2. Java is, presently, the most popular programming language, according to many different standards. Why is the language so popular?
3. How is Java executed? What is a virtual machine? What are bytecodes?
4. What is the output of the following program?

```
public class Types {
    public static void main(String[] args) {
        short s = 32767;
        char c = (char)65536;
        int i = c; // 5) What will be printed here?
        float f = 1.0F;
    }
}
```


9. Write a program that receives two arguments, through the command line, and tell if they are anagrams.