



Problem I

Match each of the following terms with its corresponding description:

- | | |
|-----------------------------|--|
| 1. Compiler (b) | a. Data type that can hold entire words |
| 2. Method (c) | b. Converts a high level code to a low level one |
| 3. String (a) | c. An action performed by/on objects |
| 4. Constructor (e) | d. Process of creating a new object |
| 5. Syntax error (f) | e. Initializes newly created objects |
| 6. Instantiation (d) | f. Typo mistake in code |

Problem II

- Which of the following does not lead to a Java syntax error?
 - Mismatched curly braces { }
 - An extra blank line in the code**
 - Missing a semi-colon ";"
 - All of the above
- What is the output of the following statements?

```
System.out.print("Hello ");  
System.out.println("World");
```

 - Hello World**
 - Hello
World
 - World
Hello
 - None of the above
- Of the following types, which one cannot store a number?
 - int
 - byte
 - String
 - None of the above**
- A cast operator (casting) is required in which of the following situations?
 - Storing an int in a double
 - Storing a float in a double
 - Storing a float in an int**
 - None of the aboves