



Problem I

Match each of the following terms with its corresponding description:

- | | |
|---------------------------|--|
| 1. Compiler b | a. Data type used to read from the keyboard |
| 2. Method c | b. Converts a high level code to a low level one |
| 3. Scanner a | c. An action performed by an objects |
| 4. Constructor d | d. Process of creating a new object |
| 5. logical error f | e. Initializes newly created objects |
| 6. Instantiation e | f. Wrong output |

Problem II

- Which of the following leads to a Java syntax error?
 - using a variable without initializing it**
 - An extra blank line in the code
 - `System.out.println();`
 - a and c only
- What is the output of the following statements?

```
System.out.print("Hello\\n ");
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**
- What is the output of this statement:

```
System.out.print("\\\\ slash or a //// slash");
```

 - \\ slash or a //// slash
 - \\ slash or a //// slash**
 - \\ slash or a // slash
 - \\ slash or a