

Q1

* Required

1. Surname and Name *

.....

2. What a pure compiler does? *

Mark only one oval.

- It interprets the the CPU code
- It translates a high level program into a low level one
- It allocates memory in the registries of the CPU
- It translates each line of a code while the code is executed

3. Which of the following is a correct statement?

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- java foo.class
- javap -c foo.jar
- javac foo.java
- javadoc -d MANIFEST.MF

4. Can I execute without compiling my code?

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- only within Eclipse platform
- yes
- no
- only with jar files

5. What a Loader does in the JRE?

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- It searches a class in the code that contains the main method
- It checkes whether the ClassNotFoundException exception has been executed
- It searches a file in the filesystem with the name of a class
- It raises the ClassNotFoundException exception during compilation

6. What is the fastest type of memory in a basic computer?

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- The register as it resides in the CPU
- The cache as it stores part of the main memory
- The main memory as it has more capacity
- None of them

7. What is just in time compilation?

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- Compiling the code line by line in the CPU
- Executing the code in Eclipse
- Compiling a part of the code while running the program
- Executing the machine code in the main memory

8. What is the value of the Stack Pointer (SP) in an activation record of a method called "foo()?"

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- The memory address in the stack of the activation record of a method that calls "foo()"
- The address in the stack of the Global
- The address of the code where "foo()" returns
- The memory address in the stack of the activation record of "foo()"

9. Which principle of memory allocation does the stack model follow?

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- First in Last out
- First in First out
- Last in First out
- Last in Last out

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