QUIZ 9

* **Question 1**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The job of the linker is to take a set of already compiled ".o" files and merge them, together with any needed library files, into a single executable binary for execution. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct True | |  |  | |  |  | |  |  |  |

* **Question 2**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Hand written assembly is always better than compiler output |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct False | | Response Feedback: | Optimizing compilers do a fairly good job of producing optimized code, so often it can be better than unoptimized hand written assembly.  Experienced assembly programmers can probably do better but at a high cost in programmer effort/time. | |  |  | |  |  |  |

* **Question 3**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | The \_\_\_\_\_\_\_\_ transforms C code into assembly. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct compiler |  |  | | --- | |  | |  |  |  |

* **Question 4**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Constants defined in the assembly file are placed by the assembler in the "Dynamic Data" portion of the memory map. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct False | | Response Feedback: | Constants are placed in the "Static Data" area. | |  |  | |  |  |  |

* **Question 5**

1 out of 1 points

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | In order to start the program, the loader needs to set the PC to an initial value. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Correct True | |  |  | |  |  | |  |  |  |