|  |  |  |  |
| --- | --- | --- | --- |
| **Name:** | **A0199141B** | **Lab Group#:** | **B10** |
| **Student Id:** | |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **A** | **0** | **1** | **9** | **9** | **1** | **4** | **1** | **B** | |  | |

**Task 1 – Page 3**

|  |  |
| --- | --- |
| Instruction address of "**jal sayHi**" = | **0x0040000C [1pt]** |
| The **PC** is now at: | **0x00400028 [1pt]** |
| The register **$31** is | **0x400010 [1pt]** |
| Express **$31** in terms of **Addr(jal)**: | **Addr(jal) + 4 [1pt]** |
| Instruction to jump back to **main**: | **jr $ra [1pt]** |

**Task 2**

|  |
| --- |
| **arrayFunction.asm Demo [ 9 pts ]** |