# CS365 - Homework 2

Kevin De La Torre ( 010806250 )

|  |  |
| --- | --- |
| PC ( Program Counter ) | 0x400000 |
| Instruction Register | 0x2012001E |
| PC ( Post-IR retrieval ) | 0x4000004 |
| Instruction Type | I-Type |
| Addressing Mode | Immediate Addressing |
| MIPS Instruction | addi $s2, $zero, 30 |
| PC to be executed next | 0x4000004 |

|  |  |
| --- | --- |
| PC ( Program Counter ) | 0x400004 |
| Instruction Register | 0x2012001E |
| PC ( Post-IR retrieval ) | 0x4000004 |
| Instruction Type | I-Type |
| Addressing Mode | Immediate Addressing |
| MIPS Instruction | addi $s2, $zero, 30 |
| PC to be executed next | 0x4000004 |

|  |  |
| --- | --- |
| PC ( Program Counter ) | 0x400008 |
| Instruction Register | 0x2012001E |
| PC ( Post-IR retrieval ) | 0x4000004 |
| Instruction Type | I-Type |
| Addressing Mode | Immediate Addressing |
| MIPS Instruction | addi $s2, $zero, 30 |
| PC to be executed next | 0x4000004 |

|  |  |
| --- | --- |
| PC ( Program Counter ) | 0x40000C |
| Instruction Register | 0x2012001E |
| PC ( Post-IR retrieval ) | 0x4000004 |
| Instruction Type | I-Type |
| Addressing Mode | Immediate Addressing |
| MIPS Instruction | addi $s2, $zero, 30 |
| PC to be executed next | 0x4000004 |

|  |  |
| --- | --- |
| PC ( Program Counter ) | 0x400010 |
| Instruction Register | 0x2012001E |
| PC ( Post-IR retrieval ) | 0x4000004 |
| Instruction Type | I-Type |
| Addressing Mode | Immediate Addressing |
| MIPS Instruction | addi $s2, $zero, 30 |
| PC to be executed next | 0x4000004 |

|  |  |
| --- | --- |
| PC ( Program Counter ) | 0x400014 |
| Instruction Register | 0x2012001E |
| PC ( Post-IR retrieval ) | 0x4000004 |
| Instruction Type | I-Type |
| Addressing Mode | Immediate Addressing |
| MIPS Instruction | addi $s2, $zero, 30 |
| PC to be executed next | 0x4000004 |

|  |  |
| --- | --- |
| PC ( Program Counter ) | 0x400018 |
| Instruction Register | 0x2012001E |
| PC ( Post-IR retrieval ) | 0x4000004 |
| Instruction Type | I-Type |
| Addressing Mode | Immediate Addressing |
| MIPS Instruction | addi $s2, $zero, 30 |
| PC to be executed next | 0x4000004 |

|  |  |
| --- | --- |
| PC ( Program Counter ) | 0x40001C |
| Instruction Register | 0x2012001E |
| PC ( Post-IR retrieval ) | 0x4000004 |
| Instruction Type | I-Type |
| Addressing Mode | Immediate Addressing |
| MIPS Instruction | addi $s2, $zero, 30 |
| PC to be executed next | 0x4000004 |

|  |  |
| --- | --- |
| PC ( Program Counter ) | 0x400020 |
| Instruction Register | 0x2012001E |
| PC ( Post-IR retrieval ) | 0x4000004 |
| Instruction Type | I-Type |
| Addressing Mode | Immediate Addressing |
| MIPS Instruction | addi $s2, $zero, 30 |
| PC to be executed next | 0x4000004 |

|  |  |
| --- | --- |
| PC ( Program Counter ) | 0x400024 |
| Instruction Register | 0x2012001E |
| PC ( Post-IR retrieval ) | 0x4000004 |
| Instruction Type | I-Type |
| Addressing Mode | Immediate Addressing |
| MIPS Instruction | addi $s2, $zero, 30 |
| PC to be executed next | 0x4000004 |

|  |  |
| --- | --- |
| PC ( Program Counter ) | 0x400028 |
| Instruction Register | 0x2012001E |
| PC ( Post-IR retrieval ) | 0x4000004 |
| Instruction Type | I-Type |
| Addressing Mode | Immediate Addressing |
| MIPS Instruction | addi $s2, $zero, 30 |
| PC to be executed next | 0x4000004 |

|  |  |
| --- | --- |
| PC ( Program Counter ) | 0x40002C |
| Instruction Register | 0x2012001E |
| PC ( Post-IR retrieval ) | 0x4000004 |
| Instruction Type | I-Type |
| Addressing Mode | Immediate Addressing |
| MIPS Instruction | addi $s2, $zero, 30 |
| PC to be executed next | 0x4000004 |

|  |  |
| --- | --- |
| PC ( Program Counter ) | 0x400030 |
| Instruction Register | 0x2012001E |
| PC ( Post-IR retrieval ) | 0x4000004 |
| Instruction Type | I-Type |
| Addressing Mode | Immediate Addressing |
| MIPS Instruction | addi $s2, $zero, 30 |
| PC to be executed next | 0x4000004 |

|  |  |
| --- | --- |
| PC ( Program Counter ) | 0x400034 |
| Instruction Register | 0x2012001E |
| PC ( Post-IR retrieval ) | 0x4000004 |
| Instruction Type | I-Type |
| Addressing Mode | Immediate Addressing |
| MIPS Instruction | addi $s2, $zero, 30 |
| PC to be executed next | 0x4000004 |

|  |  |
| --- | --- |
| PC ( Program Counter ) | 0x400038 |
| Instruction Register | 0x2012001E |
| PC ( Post-IR retrieval ) | 0x4000004 |
| Instruction Type | I-Type |
| Addressing Mode | Immediate Addressing |
| MIPS Instruction | addi $s2, $zero, 30 |
| PC to be executed next | 0x4000004 |

|  |  |
| --- | --- |
| PC ( Program Counter ) | 0x40003C |
| Instruction Register | 0x2012001E |
| PC ( Post-IR retrieval ) | 0x4000004 |
| Instruction Type | I-Type |
| Addressing Mode | Immediate Addressing |
| MIPS Instruction | addi $s2, $zero, 30 |
| PC to be executed next | 0x4000004 |

|  |  |
| --- | --- |
| PC ( Program Counter ) | 0x400040 |
| Instruction Register | 0x2012001E |
| PC ( Post-IR retrieval ) | 0x4000004 |
| Instruction Type | I-Type |
| Addressing Mode | Immediate Addressing |
| MIPS Instruction | addi $s2, $zero, 30 |
| PC to be executed next | 0x4000004 |

|  |  |
| --- | --- |
| PC ( Program Counter ) | 0x400044 |
| Instruction Register | 0x2012001E |
| PC ( Post-IR retrieval ) | 0x4000004 |
| Instruction Type | I-Type |
| Addressing Mode | Immediate Addressing |
| MIPS Instruction | addi $s2, $zero, 30 |
| PC to be executed next | 0x4000004 |

|  |  |
| --- | --- |
| PC ( Program Counter ) | 0x400048 |
| Instruction Register | 0x2012001E |
| PC ( Post-IR retrieval ) | 0x4000004 |
| Instruction Type | I-Type |
| Addressing Mode | Immediate Addressing |
| MIPS Instruction | addi $s2, $zero, 30 |
| PC to be executed next | 0x4000004 |

|  |  |
| --- | --- |
| PC ( Program Counter ) | 0x40004C |
| Instruction Register | 0x2012001E |
| PC ( Post-IR retrieval ) | 0x4000004 |
| Instruction Type | I-Type |
| Addressing Mode | Immediate Addressing |
| MIPS Instruction | addi $s2, $zero, 30 |
| PC to be executed next | 0x4000004 |

|  |  |
| --- | --- |
| PC ( Program Counter ) | 0x400050 |
| Instruction Register | 0x2012001E |
| PC ( Post-IR retrieval ) | 0x4000004 |
| Instruction Type | I-Type |
| Addressing Mode | Immediate Addressing |
| MIPS Instruction | addi $s2, $zero, 30 |
| PC to be executed next | 0x4000004 |

|  |  |
| --- | --- |
| PC ( Program Counter ) | 0x400054 |
| Instruction Register | 0x2012001E |
| PC ( Post-IR retrieval ) | 0x4000004 |
| Instruction Type | I-Type |
| Addressing Mode | Immediate Addressing |
| MIPS Instruction | addi $s2, $zero, 30 |
| PC to be executed next | 0x4000004 |

|  |  |
| --- | --- |
| PC ( Program Counter ) | 0x400058 |
| Instruction Register | 0x2012001E |
| PC ( Post-IR retrieval ) | 0x4000004 |
| Instruction Type | I-Type |
| Addressing Mode | Immediate Addressing |
| MIPS Instruction | addi $s2, $zero, 30 |
| PC to be executed next | 0x4000004 |

|  |  |
| --- | --- |
| PC ( Program Counter ) | 0x40005C |
| Instruction Register | 0x2012001E |
| PC ( Post-IR retrieval ) | 0x4000004 |
| Instruction Type | I-Type |
| Addressing Mode | Immediate Addressing |
| MIPS Instruction | addi $s2, $zero, 30 |
| PC to be executed next | 0x4000004 |

|  |  |
| --- | --- |
| PC ( Program Counter ) | 0x400060 |
| Instruction Register | 0x2012001E |
| PC ( Post-IR retrieval ) | 0x4000004 |
| Instruction Type | I-Type |
| Addressing Mode | Immediate Addressing |
| MIPS Instruction | addi $s2, $zero, 30 |
| PC to be executed next | 0x4000004 |

|  |  |
| --- | --- |
| PC ( Program Counter ) | 0x400064 |
| Instruction Register | 0x2012001E |
| PC ( Post-IR retrieval ) | 0x4000004 |
| Instruction Type | I-Type |
| Addressing Mode | Immediate Addressing |
| MIPS Instruction | addi $s2, $zero, 30 |
| PC to be executed next | 0x4000004 |

|  |  |
| --- | --- |
| PC ( Program Counter ) | 0x400068 |
| Instruction Register | 0x2012001E |
| PC ( Post-IR retrieval ) | 0x4000004 |
| Instruction Type | I-Type |
| Addressing Mode | Immediate Addressing |
| MIPS Instruction | addi $s2, $zero, 30 |
| PC to be executed next | 0x4000004 |

|  |  |
| --- | --- |
| PC ( Program Counter ) | 0x40006C |
| Instruction Register | 0x2012001E |
| PC ( Post-IR retrieval ) | 0x4000004 |
| Instruction Type | I-Type |
| Addressing Mode | Immediate Addressing |
| MIPS Instruction | addi $s2, $zero, 30 |
| PC to be executed next | 0x4000004 |

|  |  |
| --- | --- |
| PC ( Program Counter ) | 0x400070 |
| Instruction Register | 0x2012001E |
| PC ( Post-IR retrieval ) | 0x4000004 |
| Instruction Type | I-Type |
| Addressing Mode | Immediate Addressing |
| MIPS Instruction | addi $s2, $zero, 30 |
| PC to be executed next | 0x4000004 |

|  |  |
| --- | --- |
| PC ( Program Counter ) | 0x400074 |
| Instruction Register | 0x2012001E |
| PC ( Post-IR retrieval ) | 0x4000004 |
| Instruction Type | I-Type |
| Addressing Mode | Immediate Addressing |
| MIPS Instruction | addi $s2, $zero, 30 |
| PC to be executed next | 0x4000004 |

|  |  |
| --- | --- |
| PC ( Program Counter ) | 0x400078 |
| Instruction Register | 0x2012001E |
| PC ( Post-IR retrieval ) | 0x4000004 |
| Instruction Type | I-Type |
| Addressing Mode | Immediate Addressing |
| MIPS Instruction | addi $s2, $zero, 30 |
| PC to be executed next | 0x4000004 |

|  |  |
| --- | --- |
| PC ( Program Counter ) | 0x40007C |
| Instruction Register | 0x2012001E |
| PC ( Post-IR retrieval ) | 0x4000004 |
| Instruction Type | I-Type |
| Addressing Mode | Immediate Addressing |
| MIPS Instruction | addi $s2, $zero, 30 |
| PC to be executed next | 0x4000004 |

|  |  |
| --- | --- |
| PC ( Program Counter ) | 0x400080 |
| Instruction Register | 0x2012001E |
| PC ( Post-IR retrieval ) | 0x4000004 |
| Instruction Type | I-Type |
| Addressing Mode | Immediate Addressing |
| MIPS Instruction | addi $s2, $zero, 30 |
| PC to be executed next | 0x4000004 |

|  |  |
| --- | --- |
| PC ( Program Counter ) | 0x400084 |
| Instruction Register | 0x2012001E |
| PC ( Post-IR retrieval ) | 0x4000004 |
| Instruction Type | I-Type |
| Addressing Mode | Immediate Addressing |
| MIPS Instruction | addi $s2, $zero, 30 |
| PC to be executed next | 0x4000004 |

|  |  |
| --- | --- |
| PC ( Program Counter ) | 0x400088 |
| Instruction Register | 0x2012001E |
| PC ( Post-IR retrieval ) | 0x4000004 |
| Instruction Type | I-Type |
| Addressing Mode | Immediate Addressing |
| MIPS Instruction | addi $s2, $zero, 30 |
| PC to be executed next | 0x4000004 |

|  |  |
| --- | --- |
| PC ( Program Counter ) | 0x40008C |
| Instruction Register | 0x2012001E |
| PC ( Post-IR retrieval ) | 0x4000004 |
| Instruction Type | I-Type |
| Addressing Mode | Immediate Addressing |
| MIPS Instruction | addi $s2, $zero, 30 |
| PC to be executed next | 0x4000004 |

|  |  |
| --- | --- |
| PC ( Program Counter ) | 0x400090 |
| Instruction Register | 0x2012001E |
| PC ( Post-IR retrieval ) | 0x4000004 |
| Instruction Type | I-Type |
| Addressing Mode | Immediate Addressing |
| MIPS Instruction | addi $s2, $zero, 30 |
| PC to be executed next | 0x4000004 |