Aufteilung Team 4

# Simple commands

|  |  |
| --- | --- |
| ldpc, stpc | Max Ehm |
| ldc, ldd, ldr | Alexander Popp |
| std | Alexander Popp |
| str | Max Ehm |
| jmp | Max Ehm |
| jz, jc, jn, jo | Robert Markl |
| jnz, jnc, jnn, jno | Orestis Alpos |

# Packages

|  |  |
| --- | --- |
| cpu\_trace\_pack | Max Ehm |
| cpu\_memory\_pack | Robert Markl |
| cpu\_defs\_pack | Max Ehm |
| cpu\_in\_out\_pack | Orestis Alpos |

# Functions

|  |  |
| --- | --- |
| hex\_image | Max Ehm |
| bool\_character | Max Ehm |
| init\_memory | Robert Markl |
| inc | Orestis Alpos |
| not, and, or, xor | Robert Markl |

# Procedures

|  |  |
| --- | --- |
| read | Robert Markl |
| asciihex2int | Robert Markl |
| set\_flags\_logic, set\_flags\_load | Robert Markl |
| exec\_addc | Orestis Alpos |
| exec\_subc | Robert Markl |
| exec\_rea, exec\_reo, exec\_rex | Orestis Alpos |
| exec\_sll, exec\_srl, exec\_sra | Alexander Popp |
| exec\_rol, exec\_rolc, exec\_ror, exec\_rorc | Max Ehm |
| dump\_memory | Robert Markl |

# Assembler

|  |  |
| --- | --- |
| Assembler | Alexander Popp |

# Testbenches

|  |  |
| --- | --- |
| nop, stop | Robert Markl |
| add, addc | Max Ehm |
| sub, subc | Orestis Alpos |
| not | Alexander Popp |
| and, or, xor | Alexander Popp |
| rea, reo, rex | Robert Markl |
| sll, srl, sra | Max Ehm |
| rol, rolc, ror, rorc | Robert Markl |
| ldc, ldd, ldr | Orestis Alpos |
| std, str | Orestis Alpos |
| in, out | Max Ehm |
| ldpc, stpc | Alexander Popp |
| jmp | Alexander Popp |
| jz, jc | Alexander Popp |
| jn, jo | Orestis Alpos |
| jnz, jnc, jnn | Max Ehm |
| jno | Robert Markl |