* Lecture Monday 06/04/2018, LEC06042018.asm

|  |  |  |  |
| --- | --- | --- | --- |
| OP -6 | RS - 5 | RT - 5 | imm |

* + Shift left by 2, is same as multiply by 4
* Destination PC = current PC + 4 + (SignEXT(imm)<<2).
  + 4 = 36 + 4 + (SignEXT(imm)\*4).
  + -36 = SignEXT(imm) \*4
  + -9 = SignEXT(imm)
  + -9 = imm
* j Loop

|  |  |
| --- | --- |
| OP - 6 | Address - 26 |

Monday 06/11/2018

* Java Bag

Constructor:

Bag aBag = new Bag();

firstNode(refrence);

numberOfEntries;

|  |  |
| --- | --- |
| firstNode – 4 Bytes | # of entries – 4 Bytes |

Wednesday 06/ 13/2018

Midterm

Int factorial(int n){

If(n == 0 ){

Return 1;

} else{

//backup n

Int temp = factorial(n-1);

// restore n;

Return n\* temp;

}

}

* Number System
* Mips Assembly
* 1 cheat sheet