

CPU and datapath

CMPSC 210 Principles of Computer Organization

Assembly language

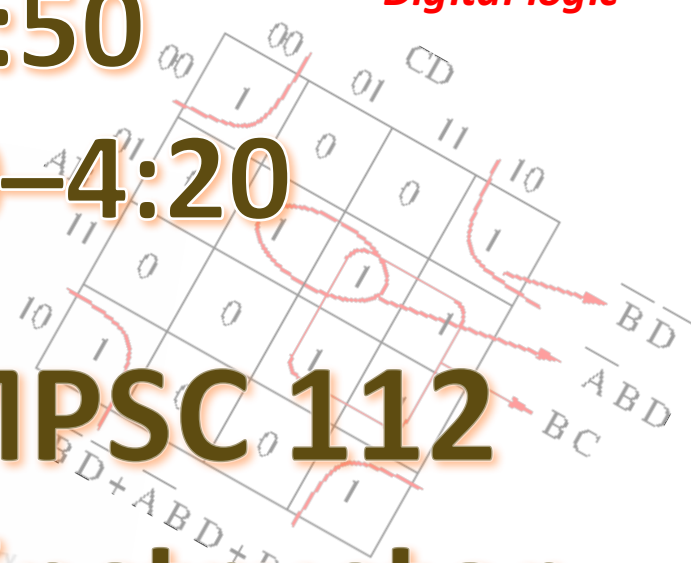
```
li $a0,3
beq $a0,3, isone
notone:
li $v0,10
syscall
isone:
li $s0,20
add $s0,$s0,$a0
li $v0,10
syscall
```

Fall 2016

MWF 11-11:50

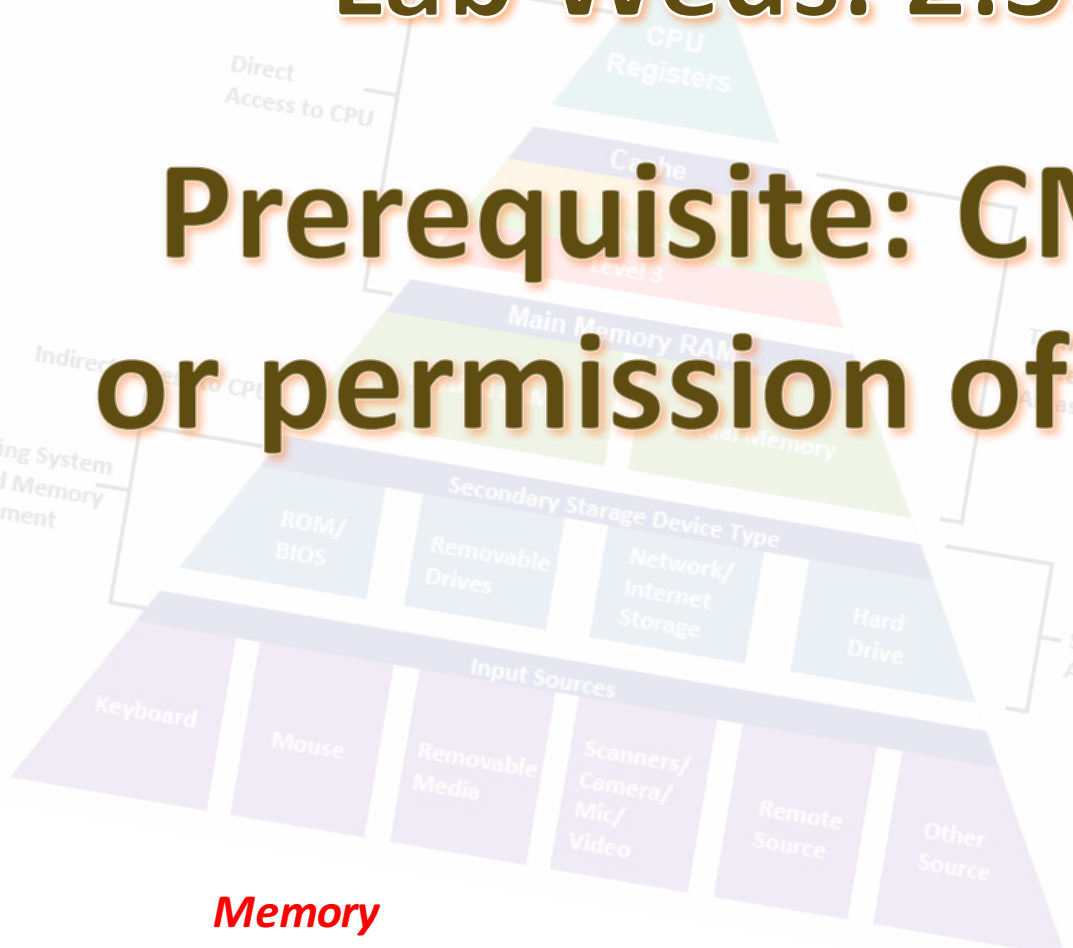
Lab Weds. 2:30-4:20

Digital logic



Prerequisite: CMPSC 112

or permission of instructor



Memory hierarchies

```
#include <stdio.h>
int main() {
printf("Hello, world!\n");
}
```

C programming