

## Lab 3 (PreLab): Loops and Branches

If X is 200 and Y is 201, Z is 202 convert the next C code to VerySimpleCPU ASM.

CODE 1:

```
*Z = (*X<*Y)?*X:*Y;
```

CODE 2:

```
do
{
    *Z++;
} while(*X<*Y);
```

CODE 3:

```
switch(*X)
{
    case 0: *Z = 0; break;
    case 1: *Z = 1; break;
    default: *Z = *Y; break;
}
```

Note: \*X means the value inside address of X. Such that if

200: 10 // address of X

\*X means 10

Upload your codes to LMS before 15:30 on Thursday 14.03.2019