Status Register

Uses 2’s compliment

Z bit is zero when it is not zero

Makes loops and ifs work

Cannot directly send a value out to SFR need to us in/out

Stack Pointer

Keeps track of where I am in the stack

Do not need the stack for unconventional looping

Stack pointer made up of SPH and SPL

Upon reset all registers = $00, all memory = $FF

The Program Counter tracks what are we doing with our code

.ORG stands for origin

Program counter always one step ahead of program

Stack pointer will automatically decrement place in memory when data is added to memory(Push)

Stack pointer will automatically increment place in memory when data is taken off memory(Pop)