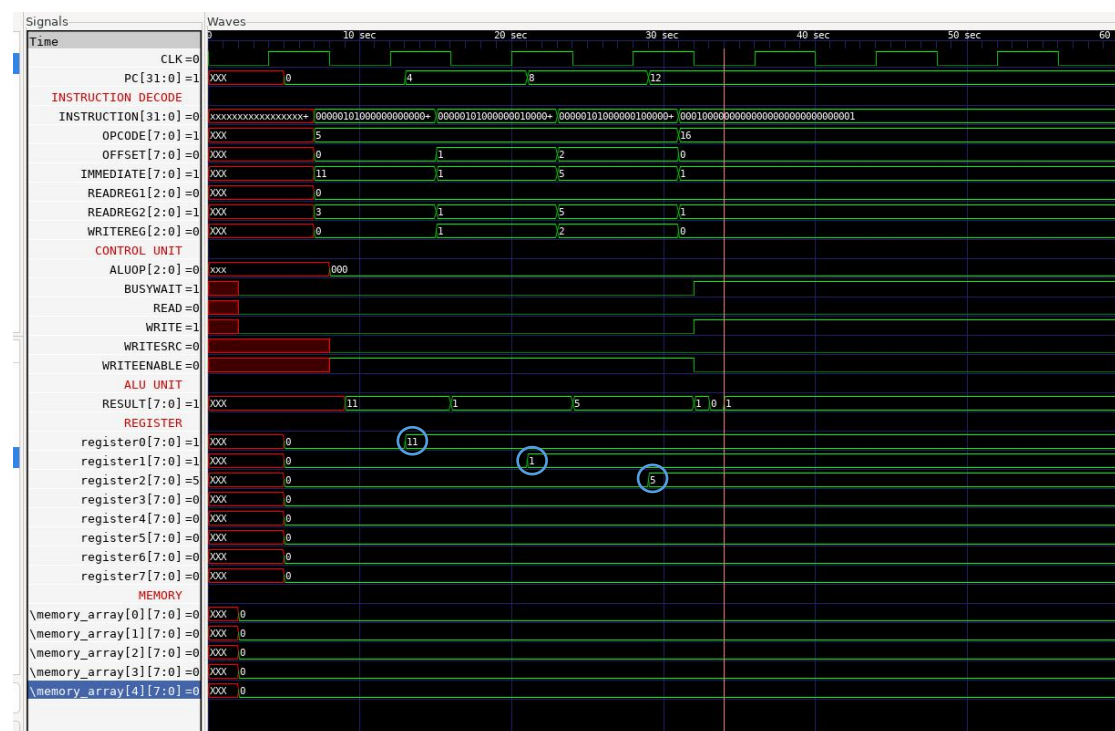Part6-1
Group-06
E/21/087
E/21/302

1)First Program,

```
loadi 0 0x0B
loadi 1 0x01
loadi 2 0x05
swd 0 1
swi 2 0x02
lwd 3 1
```
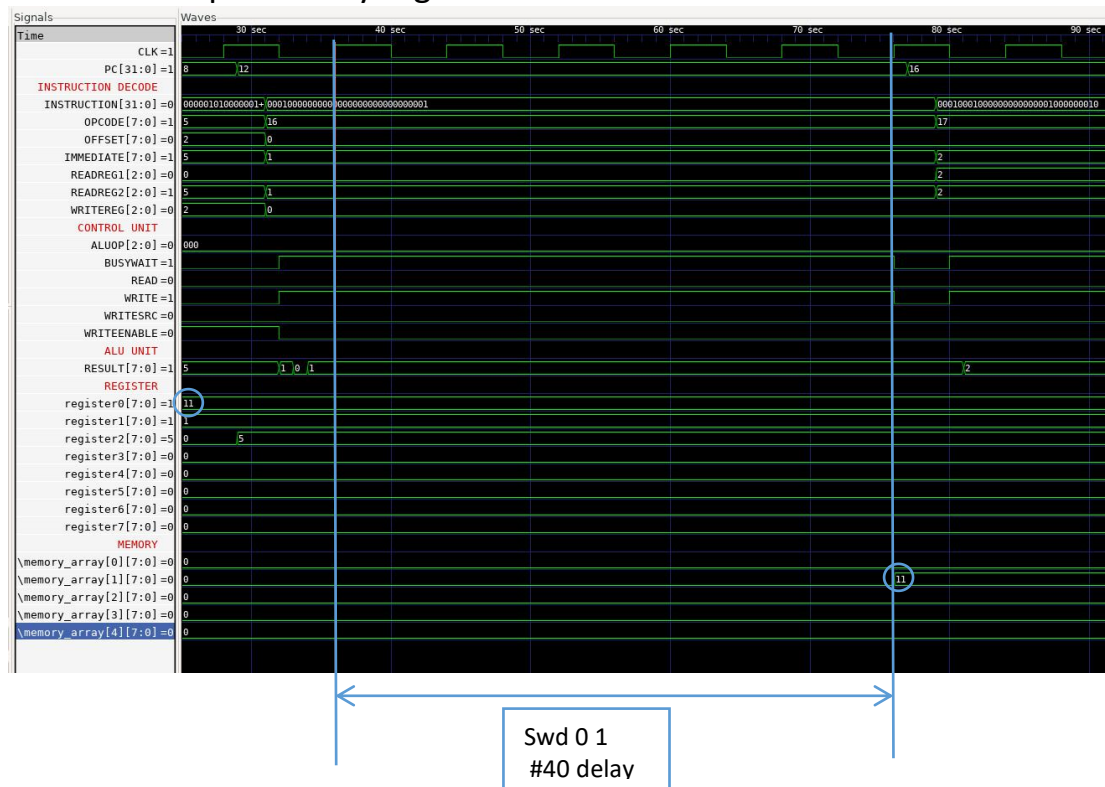
Second Program,

```
loadi 0 0x0B
loadi 1 0x01
loadi 2 0x05
swd 0 1
swi 2 0x02
lwi 4 0x02
```
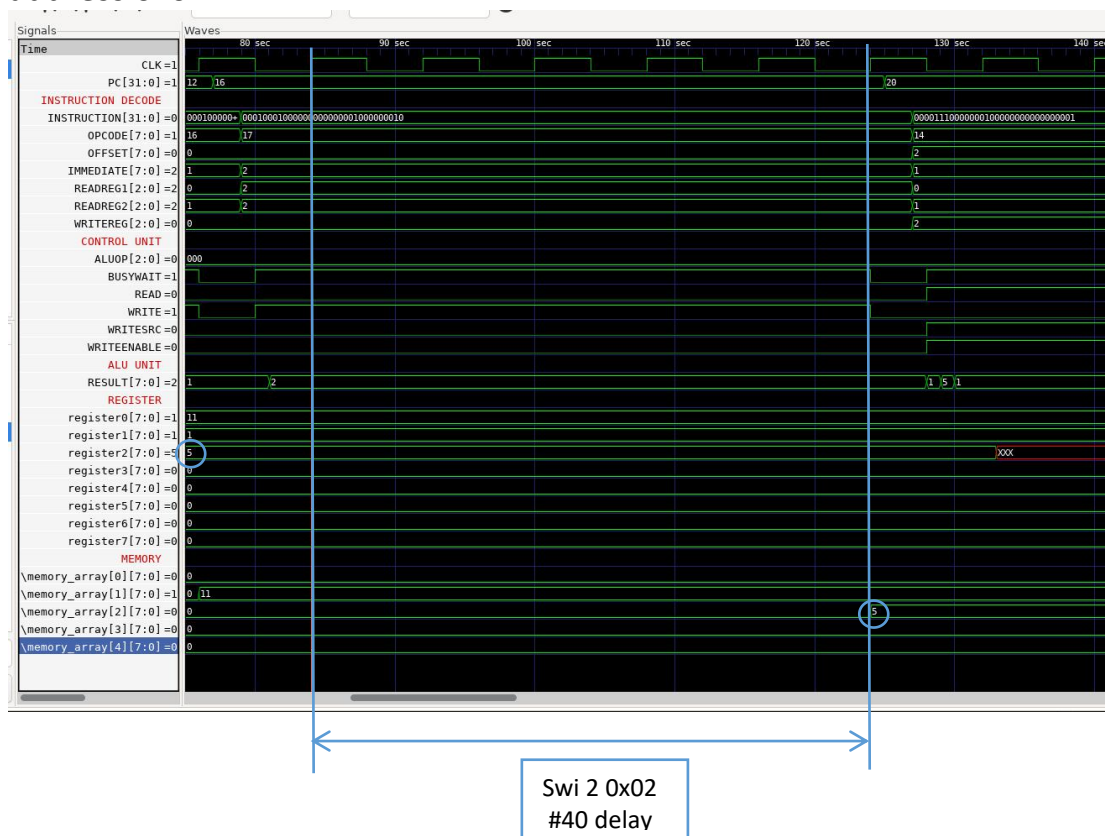
First, store the values 11, 1, and 5 in registers R0, R1, and R2 respectively.
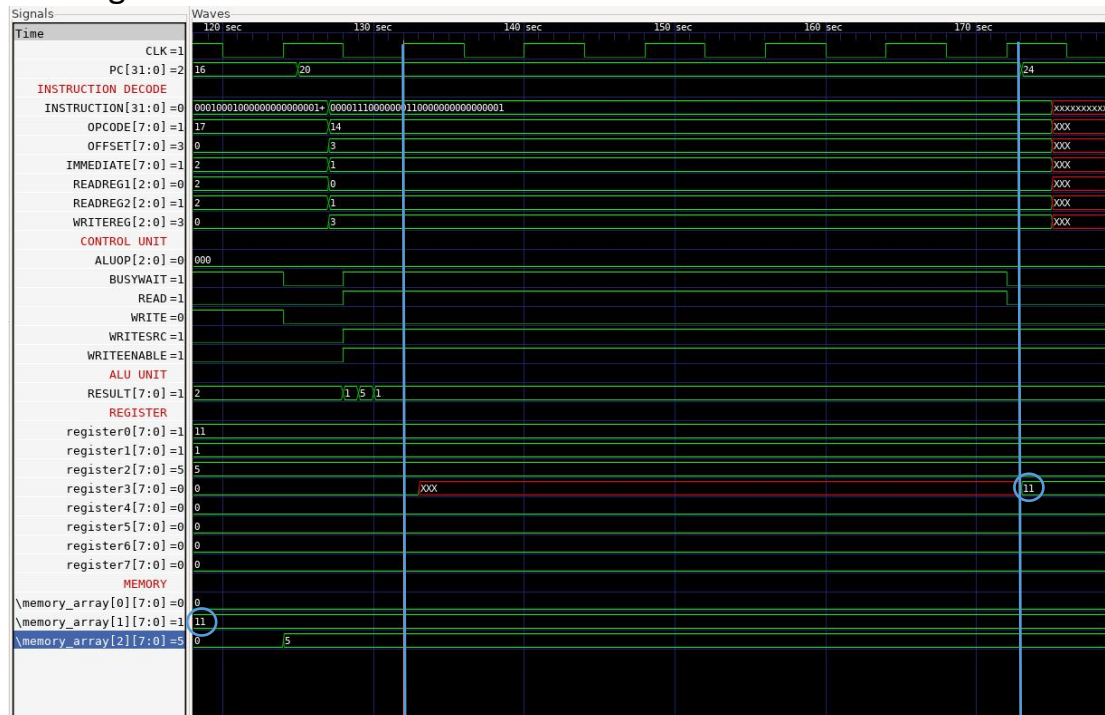
Next, Store the value in register R0 (value is 11)into the data memory at the address specified by register R1.

Swd 0 1
#40 delay

Store the value in register R2(value is 5) into the memory at the fixed address 0x02.
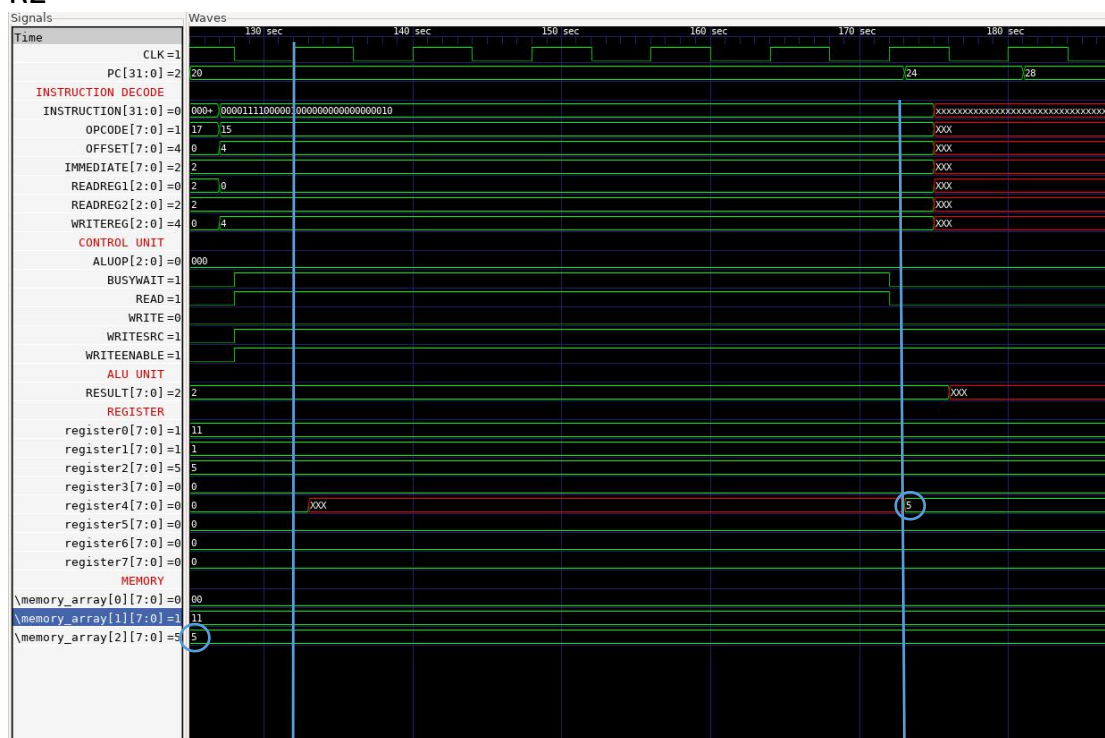

Swi 2 0x02
#40 delay

Load the value from data memory at the address specified by register R1 into register R3.

lwd 3 1
#40 delay + #1 delay for register write

Load the value from data memory at the fixed address 0x02 into register R2

Lwd 4 0x02
#40 delay + #1 delay for register write