

Midterm1 Solution ECE2560 Autumn 2021

array: -31, 302, 0, -3, 289, -44, -321, 33, 221, -99

Determine the maximum element of the array

Pseudo-code:

```
max = array[0]
```

```
for( i = 0; i < 10; ++i)
```

```
{
```

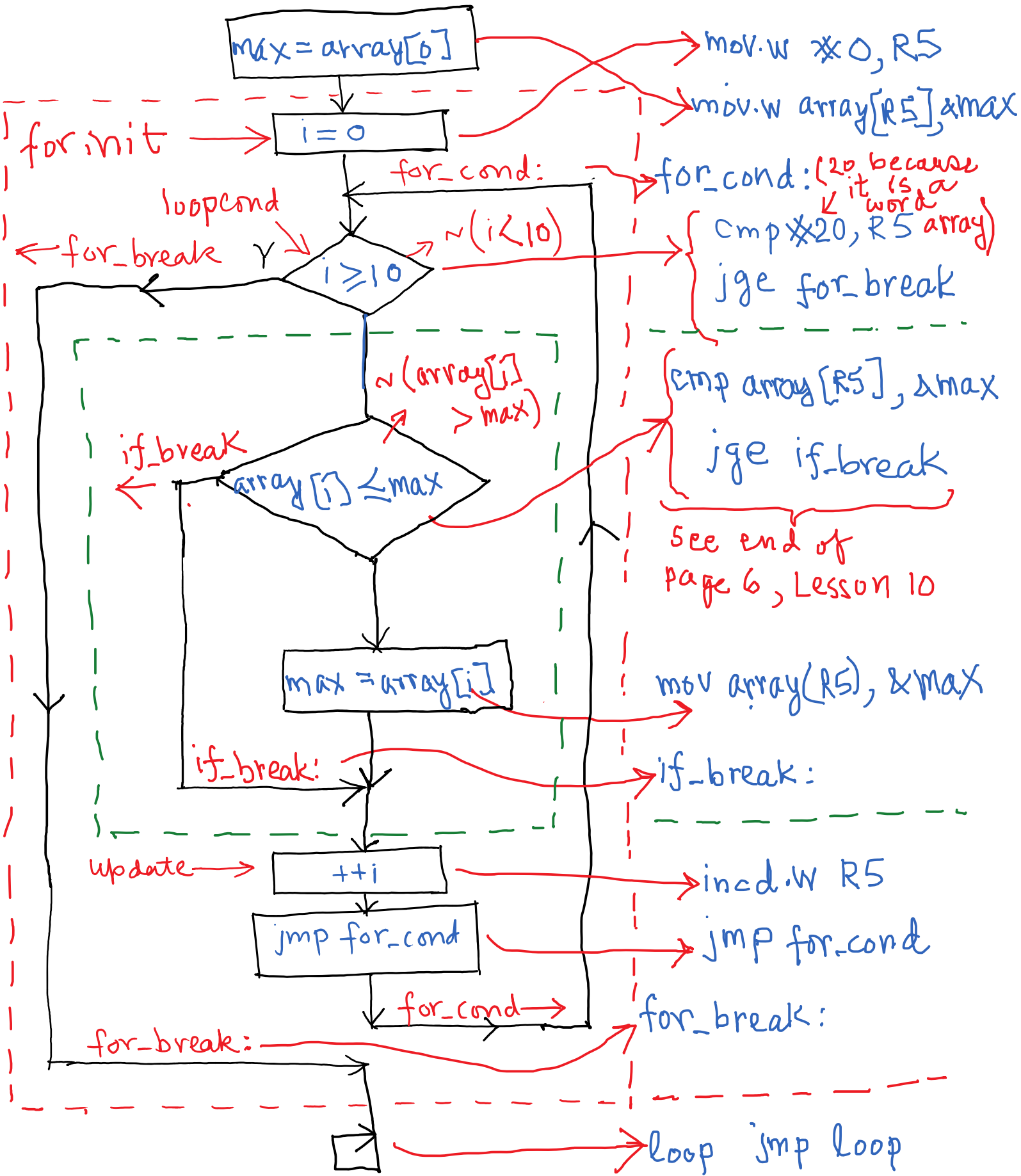
```
    if( array[i] > max )
```

```
    {
```

```
        max = array[i]
```

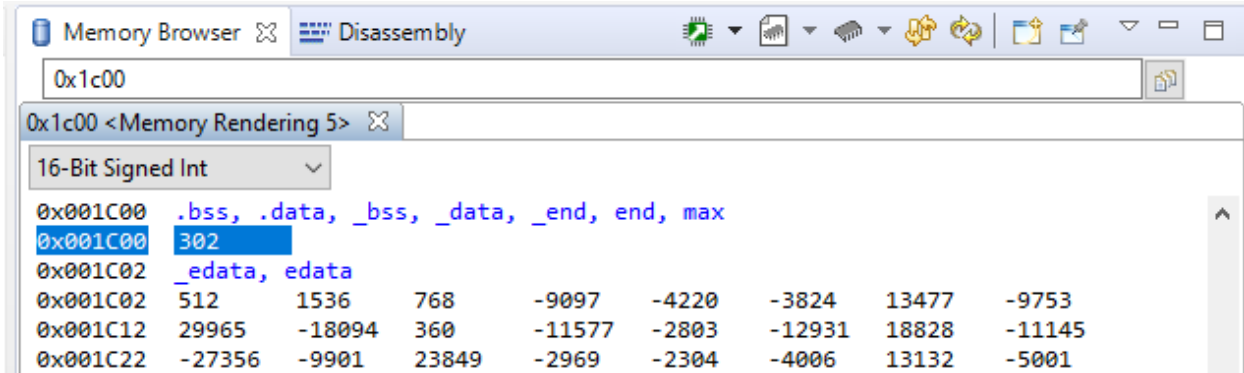
```
    }
```

```
}
```



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max in RAM starting at 0x1C00



array in FRAM starting at 0x4400

