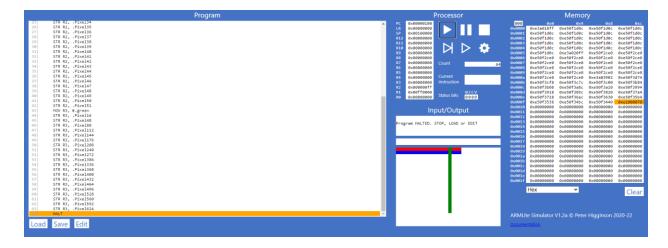
Lab 9 – Computer Systems (Mohamed Shafi Uzman Fassy - 102608927)

9.1.1 -

a) b)

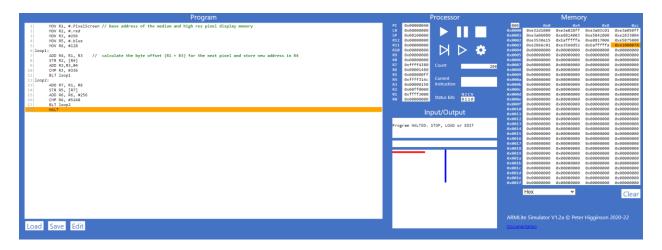


9.1.2 -

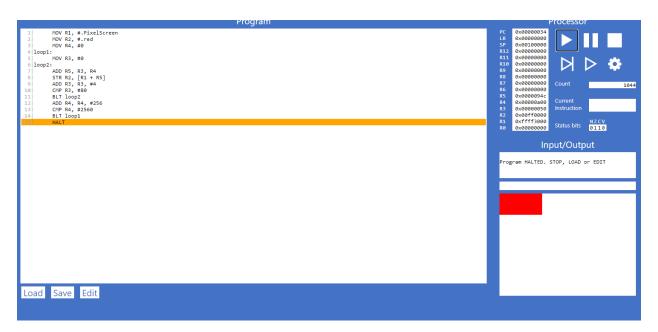
9.1.3 -

Because it's storing the memory location into Register 4 and storing the value from Register 2 to the memory location in Register 4.

a) b) c)



9.2.2



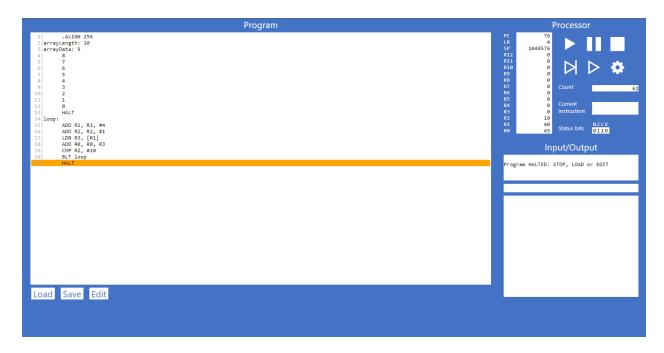
9.3.1 -

a) .ALIGN 256 is used to ensure that the next instruction would be aligned to a word address that is divisible by 256.

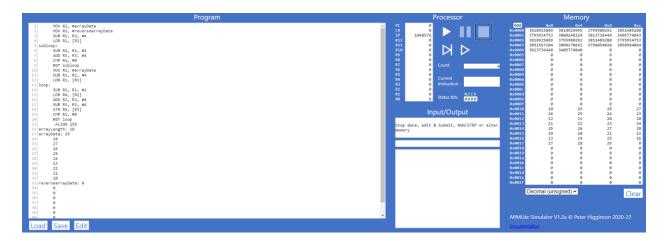
b) c)

```
| Count | Coun
```

9.3.2 & 9.3.3 -



9.4.1 -



9.4.2 –

