EE306 - Microprocessors

Laboratory Exercise 3
Subroutines

March 17, 2020

Erdal Sidal Dogan   Alp Gokcek
#041702023   #041701014

1 Part III - Sigma Sum

Sigma Sum explanation

Listing 1: Assembly Code for sigma sum
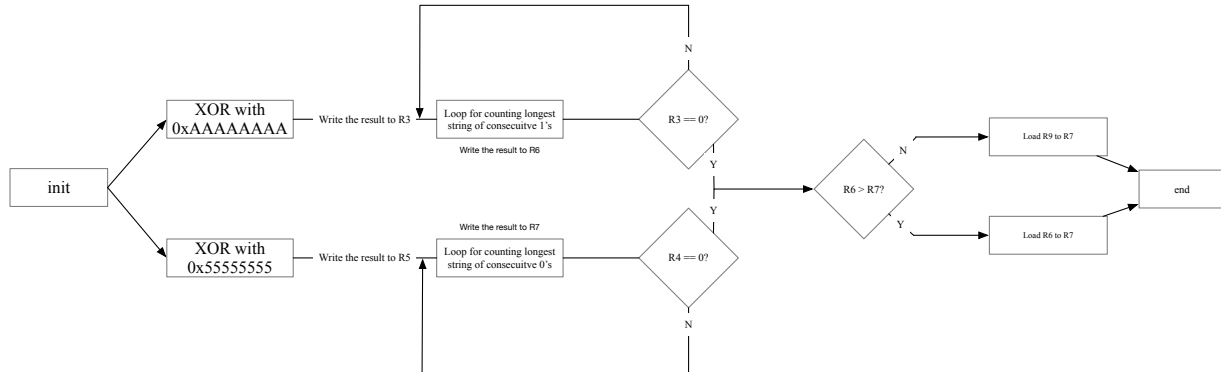
```
.global _start
_start:
```


Figure 1: Longest Sequnce of Alternating 1's and 0's Flowchart

2 Part IV - Bubble Sort

Bubble sort explanation

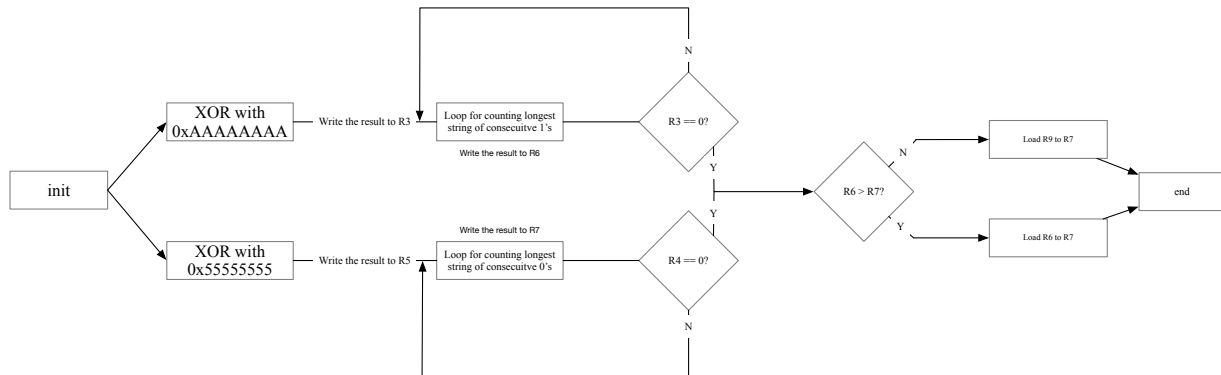Listing 2: Assembly code for bubble sort algorithm

```
.global _start
_start:
```


Figure 2: Longest Sequnce of Alternating 1's and 0's Flowchart