

# ECE 319H Lab 1

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## 1 Flowchart of System

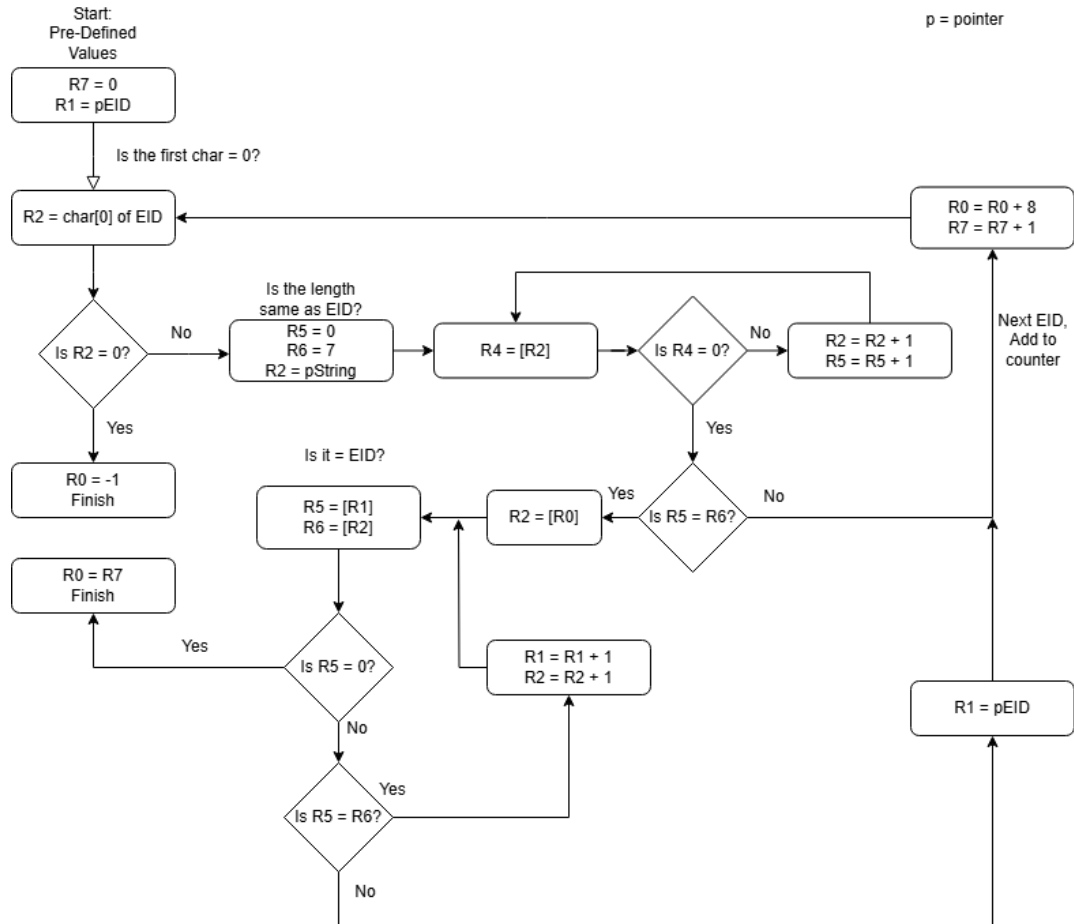


Figure 1: Flowchart of Lab 1

## 2 Pseudo-Code for the Algorithm

Pseudo-Code copied directly from CCS:

```
// I want to put the pEID into a register.
// start a counter.
// then, I would save the first character of the EID that
// R0 points at in another register and see if it's 0.
// if 0, return -1 to R0.
// then check if it meets the required length.
// if it doesn't meet the required length, go to the next
// one instantly.
// if it does meet the required length, enter a loop where
// it compares ASCII letter with ASCII letter.
// before comparing ASCII letters, check if 0 (not ASCII 0).
// If 0, makes R0 equal counter register and stops.
// if not equal in ASCII, then go to the next index and start
// again.
```

## 3 A screenshot of the Terminal window, one showing your EID and score

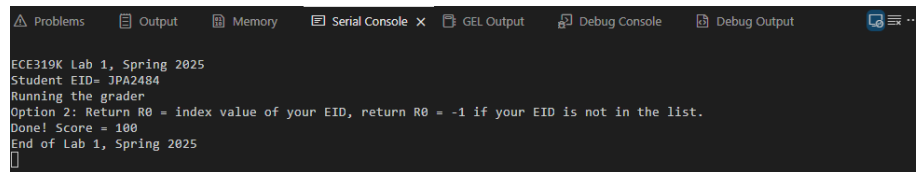


Figure 2: Screenshot of Terminal Window