Lab4: while, do while, for

Dian-Lun Lin (Luan)   Yasin Zamani

Department of Electrical and Computer Engineering

University of Utah , Salt Lake City, UT

ssh configuration

~/.ssh/config

/home/your_uid_here/.ssh/config

```
Host cade
    HostName lab2-14.eng.utah.edu
    User u1304130
    ControlPersist 1h
```

Problem

Input: std::cin >> N

Output: The number of 3s as last digit in all numbers from 0 to N

  ex: N = 33, output: 4 (3, 13, 23, 33)

While, do while, and for

Problem

Input: std::cin >> N

Output: The number of 3s as ~~last~~ digit in all numbers from 0 to N

ex: N = 33, output: 8 (3, 13, 23, 30, 31, 32, 33)

While, do while, and for

Recall Lab3 : sum of digits

```
1234 / 10 = 123......4
123 / 10 = 12......3
12 / 10 = 1......2
1 / 10 = 0.....1
```