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Professor Ashok

CSC 3320

November 2021

CSC3320 System Level Programming

Lab Assignment 11 - Out of lab

Instructor: Fil Rondel

Due on 4/16/21 at 11:59PM

Run the following examples through your Homework 4. Parts in this assignment correspond to programs in Homework 4.

Part 1:

- 1) unsafepass
- 2) SafePaswd0192837465
- 3) bbppddqq11223344
- 4) T20s9Q02lwmc2a

Part 1 Program 1:

```
dileepreddy@Dileeps-MacBook-Air Lab % cc checkPasswd.c
dileepreddy@Dileeps-MacBook-Air Lab % ./a.out
Enter the password: unsafepass
The password is safe!
dileepreddy@Dileeps-MacBook-Air Lab % ./a.out
Enter the password: SafePaswd0192837465
The password is safe!
dileepreddy@Dileeps-MacBook-Air Lab % ./a.out
Enter the password: bbppddqq11223344
The password is safe!
dileepreddy@Dileeps-MacBook-Air Lab % ./a.out
Enter the password: T20s9Q02lwmc2a
The password is safe!
dileepreddy@Dileeps-MacBook-Air Lab %
```

Part 1 Program 2:

```
[dileepreddy@Dileeps-MacBook-Air Lab % cc checkPasswdv2.c
[dileepreddy@Dileeps-MacBook-Air Lab % ./a.out
Enter the password: unsafepass
The password is unsafe! Please reset. Deduction: 40
[dileepreddy@Dileeps-MacBook-Air Lab % ./a.out
Enter the password: SafePaswd0192837465
The password is safe!
[dileepreddy@Dileeps-MacBook-Air Lab % ./a.out
Enter the password: bbppddqq11223344
The password is safe!
[dileepreddy@Dileeps-MacBook-Air Lab % ./a.out
Enter the password: T20s9Q02lwmc2a
The password is safe!
[dileepreddy@Dileeps-MacBook-Air Lab %
```

Part 2:

- 1) radar
- 2) Gateman sees name, garageman sees name tag
- 3) Some men interpret fine memos
- 4) Do geese see God?

```
[dileepreddy@Dileeps-MacBook-Air Lab % cc palindrome.c
[dileepreddy@Dileeps-MacBook-Air Lab % ./a.out
Enter the string: radar
'radar' is a palindrome
[dileepreddy@Dileeps-MacBook-Air Lab % ./a.out
Enter the string: Gateman sees name, garageman sees name tag
'Gateman sees name, garageman sees name tag' is not a palindrome
[dileepreddy@Dileeps-MacBook-Air Lab % ./a.out
Enter the string: Some men interpret fine memos
'Some men interpret fine memos' is not a palindrome
[dileepreddy@Dileeps-MacBook-Air Lab % ./a.out
Enter the string: Do geese see God?
'Do geese see God?' is not a palindrome
```

Part 3:

- 1) 47
- 2) 354
- 3) 420
- 4) 372

```
[dileepreddy@Dileeps-MacBook-Air Lab % cc countryCodes.c
[dileepreddy@Dileeps-MacBook-Air Lab % ./a.out
Enter country code to find: +47
Could not find name for country with code +47
[dileepreddy@Dileeps-MacBook-Air Lab % ./a.out
Enter country code to find: +354
Could not find name for country with code +354
[dileepreddy@Dileeps-MacBook-Air Lab % ./a.out
Enter country code to find: +420
+420 is the code for Czech Republic
[dileepreddy@Dileeps-MacBook-Air Lab % ./a.out
Enter country code to find: +372
+372 is the code for Estonia
```

Note: Please follow the instructions, write a report by answering the questions and upload the report (named as **Lab11_FirstNameLastName.pdf** or .doc) to the Google Classroom Out of Lab Assignment folder

Please add the lab assignment NUMBER and your NAME at the top of your file sheet.