

# CSC3320 System Level Programming

## Lab Assignment 11 - Out of lab

**Instructor: Fil Rondel**

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

**Rafid Shaon**

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

Part 1:

1) unsafepass

```
[[rshaon1@gsuad.gsu.edu@snowball ~]$ ./checkPasswd  
[Enter a password: unsafepass  
Total deductions: 40  
This password is unsafe! Please reset.
```

2) SafePaswd0192837465

```
[[rshaon1@gsuad.gsu.edu@snowball ~]$ ./checkPasswd  
[Enter a password: SafePaswd0192837465  
This password is safe.
```

3) bbppddqq11223344

```
[[rshaon1@gsuad.gsu.edu@snowball ~]$ ./checkPasswd  
[Enter a password: bbppddqq11223344  
This password is safe.
```

4) T20s9Q02lwmc2a

```
[[rshaon1@gsuad.gsu.edu@snowball ~]$ ./checkPasswd  
[Enter a password: T20s9Q02lwmc2a  
This password is safe.
```

Part 2:

1) radar

```
rafid@rafid-VirtualBox:~/Desktop$ ./palindrome
Enter a message:
radar
string[i] = r string[j] = r
string[i] = a string[j] = a
radar is a palindrome
```

2) Gateman sees name, garageman sees name tag

```
rafid@rafid-VirtualBox:~/Desktop$ ./palindrome
Enter a message:
Gateman sees name, garageman sees name tag
string[i] = g string[j] = g
string[i] = a string[j] = a
string[i] = t string[j] = t
string[i] = e string[j] = e
string[i] = m string[j] = m
string[i] = a string[j] = a
string[i] = n string[j] = n
string[i] = s string[j] = s
string[i] = e string[j] = e
string[i] = e string[j] = e
string[i] = s string[j] = s
string[i] = n string[j] = n
string[i] = a string[j] = a
string[i] = m string[j] = m
string[i] = e string[j] = e
string[i] = g string[j] = g
string[i] = a string[j] = a
Gateman sees name, garageman sees name tag is a palindrome
```

3) Some men interpret fine memos

```
rafid@rafid-VirtualBox:~/Desktop$ ./palindrome
Enter a message:
Some men interpret fine memos
string[i] = s string[j] = s
string[i] = o string[j] = o
string[i] = m string[j] = m
string[i] = e string[j] = e
string[i] = m string[j] = m
string[i] = e string[j] = e
string[i] = n string[j] = n
string[i] = i string[j] = i
string[i] = n string[j] = f
Some men interpret fine memos is not a palindrome
```

4) Do geese see God?

```
rafid@rafid-VirtualBox:~/Desktop$ ./palindrome
Enter a message:
Do geese see God?
string[i] = d string[j] = d
string[i] = o string[j] = o
string[i] = g string[j] = g
string[i] = e string[j] = e
string[i] = e string[j] = e
string[i] = s string[j] = s
Do geese see God? is a palindrome
```

### Part 3:

1) 47

```
[rshaon1@gsuad.gsu.edu@snowball ~]$ ./countrycode
Enter a country code from the following list:
[Argentina 54
Bangladesh 880
Brazil 55
Burma (Myanmar) 95
China 86
Colombia 57
Congo, Dem. Rep. of 243
Egypt 20
Ethiopia 251
France 33
Germany 49
India 91
Indonesia 62
Iran 98
Italy 39
Japan 81
Mexico 52
Nigeria 234
Pakistan 92
Phillippines 63
Poland 48
Russia 7
South Africa 27
South Korea 82
Spain 34
Sudan 249
Thailand 66
Turkey 90
Ukraine 380
United Kingdom 44
United States 1
Vietnam 84
Quebec 354
Norway 47
Czech Republic 420
Estonia 372

47
You have selected Norway with code #47
```

2) 354

```
[rshaonl@gsuad.gsu.edu@snowball ~]$ ./countrycode
[Enter a country code from the following list:
Argentina 54
Bangladesh 880
Brazil 55
Burma (Myanmar) 95
China 86
Colombia 57
Congo, Dem. Rep. of 243
Egypt 20
Ethiopia 251
France 33
Germany 49
India 91
Indonesia 62
Iran 98
Italy 39
Japan 81
Mexico 52
Nigeria 234
Pakistan 92
Phillippines 63
Poland 48
Russia 7
South Africa 27
South Korea 82
Spain 34
Sudan 249
Thailand 66
Turkey 90
Ukraine 380
United Kingdom 44
United States 1
Vietnam 84
Algeria 213
Norway 47
Czech Republic 420
Estonia 372

354
[Could not find country with code #354
```

3) 420

```
[rshaon1@gsuad.gsu.edu@snowball ~]$ ./countrycode
Enter a country code from the following list:
[Argentina 54
Bangladesh 880
Brazil 55
Burma (Myanmar) 95
China 86
Colombia 57
Congo, Dem. Rep. of 243
Egypt 20
Ethiopia 251
France 33
Germany 49
India 91
Indonesia 62
Iran 98
Italy 39
Japan 81
Mexico 52
Nigeria 234
Pakistan 92
Phillippines 63
Poland 48
Russia 7
South Africa 27
South Korea 82
Spain 34
Sudan 249
Thailand 66
Turkey 90
Ukraine 380
United Kingdom 44
United States 1
Vietnam 84
Quebec 354
Norway 47
Czech Republic 420
Estonia 372

420
You have selected Czech Republic with code #420
```



#### 4) 372

```
[rshaon1@gsuad.gsu.edu@snowball ~]$ ./countrycode
Enter a country code from the following list:
[Argentina 54
Bangladesh 880
Brazil 55
Burma (Myanmar) 95
China 86
Colombia 57
Congo, Dem. Rep. of 243
Egypt 20
Ethiopia 251
France 33
Germany 49
India 91
Indonesia 62
Iran 98
Italy 39
Japan 81
Mexico 52
Nigeria 234
Pakistan 92
Phillippines 63
Poland 48
Russia 7
South Africa 27
South Korea 82
Spain 34
Sudan 249
Thailand 66
Turkey 90
Ukraine 380
United Kingdom 44
United States 1
Vietnam 84
Quebec 354
Norway 47
Czech Republic 420
Estonia 372

372
You have selected Estonia with code #372
```

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.**