

DAILY ONLINE ACTIVITIES SUMMARY

Date:	26/05/2020		
Name of the Faculty	HARSHITHA G M		
No. of Students Allotted for monitoring	19		
Progress	Good		
Whether collected report from all the allotted students	15		
Online Test Summary			
Subject			
Semester		Duration	
No. of students Taken		Passing %	
Certification Course Summary			
Course	Computer Networking - Wired And Wireless Networks And Protocols		
Certificate Provider	Alison	Duration	3 hrs
Coding Challenges			
Problem Statement:			
Status:			
Uploaded the report in Github	Yes		
If yes Repository name	https://github.com/HARSHITHA-GM/dailyreport/upload/master		

Uploaded the report in slack	Yes
------------------------------	-----

Online Test Details: (Attach the snapshot and briefly write the report for the same)

Certification Course Details: (Attach the snapshot and briefly write the report for the same)

Coding Challenges Details: (Attach the snapshot and briefly write the report for the same)

Certification Course Summary:

The screenshot shows a web browser window with the following details:

- Address Bar:** alison.com/topic/learn/71298/networking-fundamentals-understanding-wired-and-wireless-networks-learning-outcomes
- Header:** Alison logo, Search for courses, Course Categories, Course Types, Courses For Jobs, User profile icon, Notifications (10), Cart (0), Study Reminders, and Study Notes.
- Sidebar (Left):** A list of 7 lessons under the category "Networks":
 1. Networking Fundamentals: Understanding Wired and Wireless Networks - Learning Outcomes
 2. Twisted-pair Cables
 3. Cables and Signalling
 4. Other Types of Cable
 5. Wireless Networks
 6. Wireless Encryption
 7. Networking Fundamentals: Understanding Wired and Wireless Networks - Lesson Summary
- Main Content Area:**
 - Course title: Networking Fundamentals: Understanding Wired and Wireless Networks - Learning Outcomes
 - Description: Standard Models & Custom Designs. Expert Engineering Assistance.
 - Provider: exergyllc.com
 - Status: OPEN
 - Progress: Module Progress: 0%
 - Grades: 1st Grade (blue button) and 2nd Grade (yellow button)
- Bottom Navigation:** Previous Topic, Start Topic, Next Topic, and a search bar.
- System Tray (Windows Taskbar):** Shows icons for File Explorer, Edge, File Manager, Google Chrome, Word, and other system status indicators.

Students Report:

The screenshot shows a web browser window with multiple tabs open. The active tab is GitHub, displaying the profile of user 'Anjali'. The profile picture is a large purple 'H' on a white background. The repository section shows two repositories: 'lockdown-certification' and 'lockdown-coding'. Both repositories were updated yesterday. The 'lockdown-coding' repository is a Java project. Below the repositories, there's a note about password security.

Anjali Prabhu_4AL18CS007

Updated yesterday

lockdown-coding

Anjali Prabhu_4AL18CS007

Java Updated yesterday

The password you provided is weak and can be easily guessed. To increase your security, you must update your password. After June 16, 2020 we will automatically reset your password. Change your password on the [settings page](#).

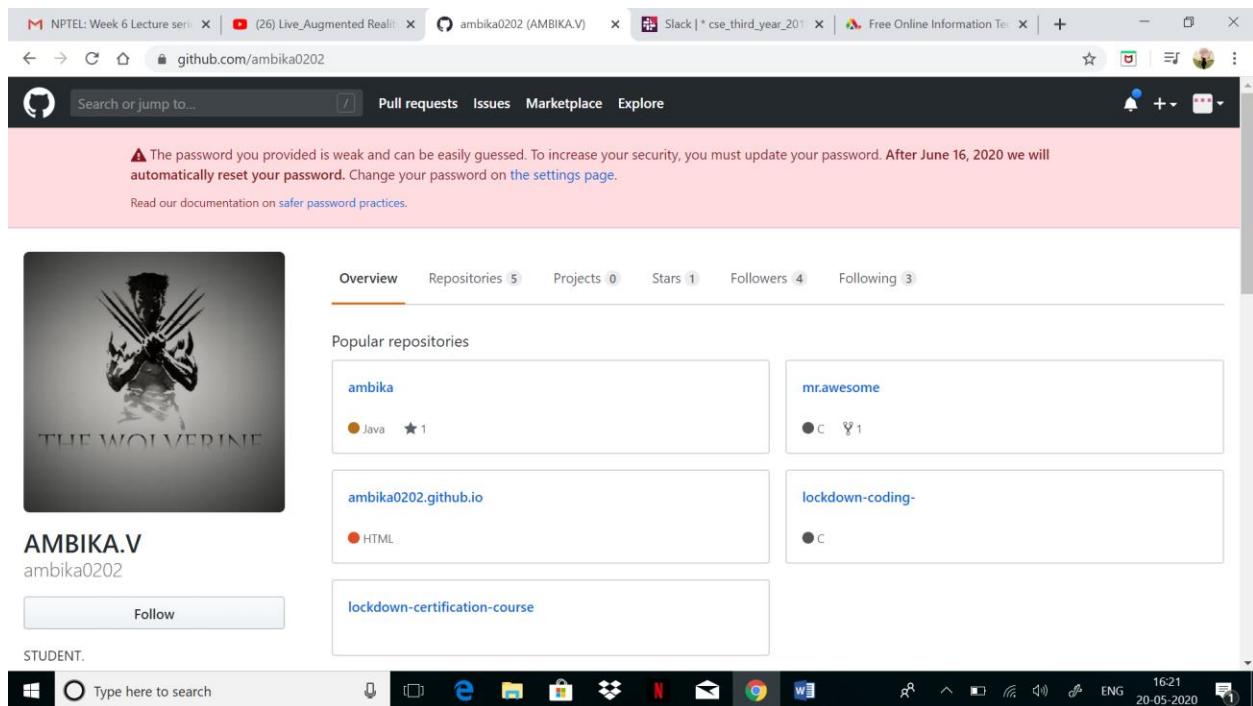
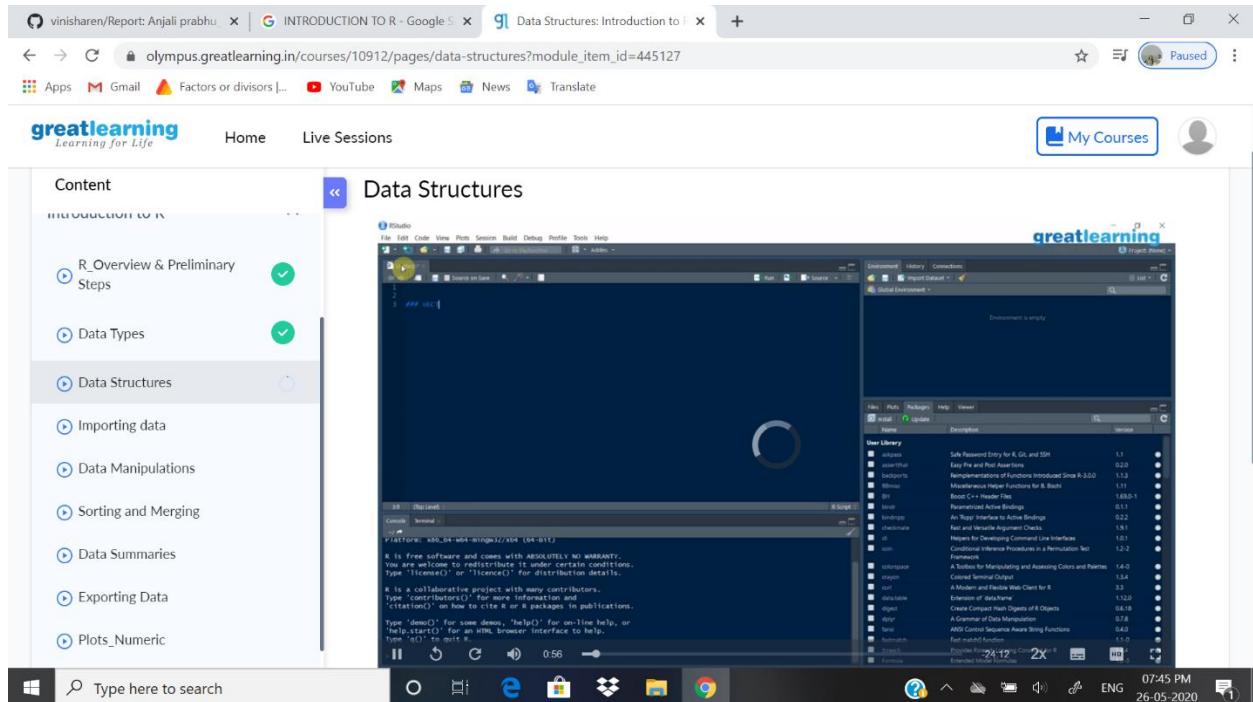
Read our documentation on [safer password practices](#).

The screenshot shows a Windows desktop environment. A GitHub file viewer window is open, displaying the 'Permutation.c' file from the 'lockdown-coding' repository. The code implements a recursive permutation algorithm. The desktop taskbar at the bottom shows various pinned icons and the date/time as 20-05-2020 16:20.

```
41 lines (34 sloc) | 578 Bytes
```

```
1 #include <stdio.h>
2 #include <string.h>
3
4 void swap(char *x, char *y)
5 {
6     char temp;
7     temp = *x;
8     *x = *y;
9     *y = temp;
10 }
11
12 void permutation(char *a, int l, int r)
13 {
14     int i;
15
16     if (l == r)
17         printf("%s\n", a);
18     else
19     {
20         for (i = l; i <= r; i++)
21         {
22             swap((a+l), (a+i));
23             permutation(a, l+1, r);
24             swap((a+l), (a+i));
25         }
26     }
27 }
```

Type here to search



Inbox (851) - harshithagm121@... | lockdown-coding-/Subarray.java | Slack | ! cse | Alva's Education Fo... | Wired and Wireless Networks an... | +

github.com/ambika0202/lockdown-coding-/blob/master/Subarray.java

```
1 // Java program to Count total sub-array
2 // which start and end with same element
3
4 public class Main {
5
6     // function to find total sub-array
7     // which start and end with same element
8     public static void cntArray(int A[], int N)
9     {
10         // initialize result with 0
11         int result = 0;
12
13         for (int i = 0; i < N; i++) {
14
15             // all size 1 sub-array
16             // is part of our result
17             result++;
18
19             // element at current index
20             int current_value = A[i];
21
22             for (int j = i + 1; j < N; j++) {
23
24                 // Check if A[j] = A[i]
25                 // increase result by 1
26                 if (A[j] == current_value) {
27                     result++;
28                 }
29             }
30         }
31     }
32 }
```

Type here to search 07:38 28-05-2020

Inbox (851) - harshithagm121@... | lockdown-certification-course/l... | Slack | ! cse | Alva's Education Fo... | Wired and Wireless Networks an... | +

github.com/ambika0202/lockdown-certification-course/blob/master/IMG-20200526-WA0016.jpg

50.1 KB

Download History

The screenshot shows a mobile browser displaying a course content page from greatlearning.com. At the top, there is a header with signal strength, battery level, and connectivity information. Below the header, the Great Learning logo is visible. The main content area has a title '← Go Back to Introduction to Cyber security' and a sub-section 'Course Content' with a purple icon. The main heading is 'Introduction to Cryptography'. Below the heading, there is a detailed course outline table:

Module	Topics	Length
Introduction to Cryptography	What is Cryptography?, Cryptography Terminology, Cryptographic Attacks, Cryptographic Primitives, Cryptographic Protocols, Cryptographic Hash Functions, Cryptographic Key Management	1 hr 45 mins
Cryptography Using PGP	PGP Architecture, PGP Components, PGP Message Format, PGP Key Management, PGP Encryption, PGP Decryption, PGP Signatures, PGP Verification	1 hr 45 mins
Blockchain	Blockchain Overview, Blockchain Components, Blockchain Architecture, Blockchain Protocols, Blockchain Applications, Blockchain Use Cases	1 hr 45 mins
Cloud Computing	Cloud Computing Overview, Cloud Computing Components, Cloud Computing Models, Cloud Computing Services, Cloud Computing Architectures, Cloud Computing Use Cases	1 hr 45 mins

At the bottom of the page, there is a note about the course being updated.

Type here to search 07:39 28-05-2020

NPTEL: Week 6 Lecture series - GitHub | Archanjchinnaswamy / Repository | Slack | * cse_third_year_2019_20 | Free Online Information Technol... | +

github.com/Archanjchinnaswamy?tab=repositories

Search or jump to... Pull requests Issues Marketplace Explore

The password you provided is weak and can be easily guessed. To increase your security, you must update your password. After June 16, 2020 we will automatically reset your password. Change your password on the settings page.

Read our documentation on safer password practices.

Overview Repositories 7 Projects 0 Stars 0 Followers 0 Following 0

Find a repository... Type: All Language: All

Lockdown-coding

Java Updated 22 minutes ago ★ Star

Lockdown-certification

Updated 30 minutes ago ★ Star

JAVA

Block or report user https://github.com/Archanjchinnaswamy?tab=repositories

Type here to search

Windows Taskbar: 16:32, ENG, 20-05-2020

This screenshot shows the GitHub profile of the user 'Archanjchinnaswamy'. The profile page displays two repositories: 'Lockdown-coding' and 'Lockdown-certification', both of which are Java projects. The 'JAVA' tab is selected in the sidebar. A warning message at the top of the page advises the user to change their password due to its weakness. The Windows taskbar at the bottom of the screen shows the date and time as 20-05-2020, 16:32, and the language as English (ENG).

NPTEL: Week 6 Lecture series - GitHub | chethan-ck / Repositories | Slack | * cse_third_year_2019_20 | Free Online Information Technol... | +

github.com/chethan-ck?tab=repositories

Search or jump to... Pull requests Issues Marketplace Explore

The password you provided is weak and can be easily guessed. To increase your security, you must update your password. After June 16, 2020 we will automatically reset your password. Change your password on the settings page.

Read our documentation on safer password practices.

Overview Repositories 7 Projects 0 Stars 4 Followers 2 Following 3

Find a repository... Type: All Language: All

lockdown_coding

C Updated 2 days ago ★ Star

lockdown_certification

Updated 2 days ago ★ Star

lockdown-coding

rd36584/lockdown-coding ★ Star

Block or report user https://github.com/chethan-ck?tab=repositories

Type here to search

Windows Taskbar: 16:33, ENG, 20-05-2020

This screenshot shows the GitHub profile of the user 'chethan-ck'. The profile page displays two repositories: 'lockdown_coding' and 'lockdown_certification'. Both repositories were updated 2 days ago. The 'lockdown-coding' repository has a star icon next to its name. A warning message at the top of the page advises the user to change their password due to its weakness. The Windows taskbar at the bottom of the screen shows the date and time as 20-05-2020, 16:33, and the language as English (ENG).

In [57]:

```
def create_cubes(n):  
    for x in range(n):  
        yield x**3
```

In [60]:

```
list(create_cubes(10))
```

```
#include <stdio.h>  
void swap(int *xp, int *yp)  
{  
    int temp = *xp;  
    *xp = *yp;  
    *yp = temp;  
}  
void bubbleSort(int arr[], int n)  
{  
    int i, j;  
    for (i = 0; i < n-1; i++)  
        for (j = 0; j < n-1-i; j++)  
            if (arr[j] > arr[j+1])  
                swap(&arr[j], &arr[j+1]);  
}  
void printArray(int arr[], int size)  
{  
    int i;  
    for (i=0; i < size; i++)  
        printf("%d ", arr[i]);  
    printf("\n");  
}  
int main()  
{  
    int arr[] = {64, 34, 25, 12, 22, 11, 90};  
    int n = sizeof(arr)/sizeof(arr[0]);  
    bubbleSort(arr, n);  
    printf("Sorted array: \n");  
    printArray(arr, n);  
}
```

NPTEL: Week 6 Lecture series - richard3658 (Richard) / Repository Slack | * cse_third_year_2019_20 Free Online Information Technol... +

github.com/richard3658?tab=repositories

Search or jump to... Pull requests Issues Marketplace Explore

The password you provided is weak and can be easily guessed. To increase your security, you must update your password. After June 16, 2020 we will automatically reset your password. Change your password on the settings page.

Read our documentation on safer password practices.

Overview Repositories 7 Projects 0 Stars 10 Followers 8 Following 5

Find a repository... Type: All Language: All

lockdown-coding
Java 1 Updated 20 hours ago ★ Star

lockdown-certification-course
Updated yesterday ★ Star

JAVA ★ Star

Follow https://github.com/richard3658?tab=repositories

Type here to search

Recent - Google Drive | Certified Kubernetes Admin... +

udemy.com/course/certified-kubernetes-administrator-with-practice-tests/learn/lecture/14298418?start=45#overview

Leave a rating Your progress Share

Udemy | Certified Kubernetes Administrator (CKA) with Practice Tests

Master Manage, Plan, Schedule, Monitor

Worker Nodes Host Application as Containers

ETCD CLUSTER

Course content

Section 2: Core Concepts
29 / 38 | 2hr 21min

- 7. Core Concepts Section Introduction
- 8. Download Presentation Deck for this section
- 9. Cluster Architecture
- 10. ETCD For Beginners
- 11. ETCD in Kubernetes
- 12. ETCD - Commands (Optional)
- 13. Kube-API Server
- 14. Kube Controller Manager
- 15. Kube Scheduler
- 16. Kubelet

Waiting for tr.s...

Overview Q&A Bookmarks Announcements

About this course

Prepare for the Certified Kubernetes Administrators Certification with live practice tests right in your browser - CKA

Type here to search

16:34 ENG 20-05-2020

```
permutations - Notepad
File Edit Format View Help
#include <stdio.h>
#include <string.h>

void swap(char *x, char *y)
{
    char temp;
    temp = *x;
    *x = *y;
    *y = temp;
}

void permutation(char *a, int l, int r)
{
    int i;

    if (l == r)
        printf("%s\n", a);
    else
    {
        for (i = l; i <= r; i++)
        {
            swap((a+l), (a+i));
            permutation(a, l+1, r);
            swap((a+l), (a+i));
        }
    }
}

int main()
{
    char string[20];
    int n;

    printf("Enter a string: ");
    scanf("%s", string);

    n = strlen(string);
    permutation(string, 0, n-1);
}
```

Len 1, Col 1 110% Windows (CRLF) ENG 8:17 PM 20-05-2020

The screenshot shows a web browser window with the following details:

- Address Bar:** github.com/anushshetty30?tab=repositories
- User Profile:** An image of a red blocky character (resembling a pixelated version of the letter 'H') is displayed next to the username "anushshetty30". Below it is a "Follow" button.
- Repository Overview:** The "Repositories" tab is selected, showing 14 repositories. Other tabs include "Projects 0", "Stars 1", "Followers 0", and "Following 0".
- Search Bar:** A search bar with placeholder text "Find a repository..." and dropdown menus for "Type: All" and "Language: All".
- Repositories Listed:**
 - lockdown-coding**: Updated 8 hours ago. Has a "Star" button.
 - lockdown-certification**: Updated 8 hours ago. Has a "Star" button.
 - SWING**: Updated 8 hours ago. Has a "Star" button.
- Bottom Navigation:** Includes a search bar, taskbar icons (File Explorer, Edge, File Manager, Google Play Store, Netflix, Mail, Google Chrome, Word), system status indicators (Speaker, Battery, Signal, Volume), and system clock (16:36, 20-05-2020).



The screenshot shows a Microsoft Edge browser window with the URL github.com/anushshetty30/lockdown-coding/blob/master/permute.c. The page displays a C program named "permute.c". The code defines a function "swap" to exchange two characters and a recursive function "permutation" to generate permutations of a string segment from index l to r. The main function prints the permutations. The code editor interface includes line numbers, syntax highlighting, and standard GitHub navigation buttons like Raw, Blame, and History. The browser's taskbar at the bottom shows various open tabs and system icons.

```
1 #include <stdio.h>
2 #include <string.h>
3
4 void swap(char *x, char *y)
5 {
6     char temp;
7     temp = *x;
8     *x = *y;
9     *y = temp;
10 }
11
12 void permutation(char *a, int l, int r)
13 {
14     int i;
15
16     if (l == r)
17         printf("%s\n", a);
18     else
19     {
20         for (i = l; i <= r; i++)
21         {
22             swap((a+l), (a+i));
23             permutation(a, l+1, r);
24             swap((a+l), (a+i));
25         }
26     }
27 }
28
29 int main()
```

A screenshot of a web browser window showing a GitHub user profile and search results. The browser has multiple tabs open, including NPTEL: Week 6 Lecture series, Bhavyamahadev / Repositories, Slack | * cse_third_year_2019_20, and Free Online Information Technol... The GitHub page shows a profile picture of a green cross pattern, the user name Bhavyamahadev, and a 'Follow' button. Below the profile are search results for repositories named 'lockdown-coding', 'lockdown-certification-course', and 'java'. Each repository entry includes a star icon and an 'Updated' timestamp.

A screenshot of a web browser window showing a GitHub code blob. The URL is github.com/Bhavyamahadev/lockdown-coding/blob/master/PERMUTATIONOFSTRING. The code is written in C and defines two functions: swap() and permute(). The swap() function swaps values at two pointers. The permute() function prints permutations of a string, taking three parameters: the string, starting index, and ending index. The code uses printf() to print the string and a nested for loop to iterate through the indices.

```
41 lines (38 sloc) | 797 Bytes
Raw Blame History
1 #include <stdio.h>
2 #include <string.h>
3
4 /* Function to swap values at two pointers */
5 void swap(char *x, char *y)
6 {
7     char temp;
8     temp = *x;
9     *x = *y;
10    *y = temp;
11 }
12
13 /* Function to print permutations of string
14 This function takes three parameters:
15 1. String
16 2. Starting index of the string
17 3. Ending index of the string. */
18 void permute(char *a, int l, int r)
19 {
20     int i;
21     if (l == r)
22         printf("%s\n", a);
23     else
24     {
25         for (i = l; i <= r; i++)
26         {
27             swap((a+l), (a+i));
```

NPTEL: Week 6 Lecture series - akashacharya786 (Akash.S) / Rep Slack | * cse_third_year_2019_20 Free Online Information Technol ...

github.com/akashacharya786?tab=repositories

Search or jump to... Pull requests Issues Marketplace Explore

The password you provided is weak and can be easily guessed. To increase your security, you must update your password. After June 16, 2020 we will automatically reset your password. Change your password on the settings page.

Read our documentation on safer password practices.

Overview Repositories 15 Projects 0 Stars 3 Followers 2 Following 1

Find a repository... Type: All Language: All

lockdown-coding C Updated 14 minutes ago ★ Star

lockdown-certification Updated yesterday ★ Star

javap2 ★ Star

Akash.S akashacharya786

Follow CSE rider

Type here to search

Document from Harshithag Slack | cse | Alva's Education Wired and Wireless Network Page not found - GitHub

github.com/akashacharya786/lockdown-c-coding/blob/master/permuation.c

41 lines (34 sloc) 578 Bytes Raw Blame History

```
1 #include <stdio.h>
2 #include <string.h>
3
4 void swap(char *x, char *y)
{
    char temp;
    temp = *x;
    *x = *y;
    *y = temp;
}
5
6 void permutation(char *a, int l, int r)
{
    int i;
8
    if (l == r)
        printf("%s\n", a);
    else
    {
        for (i = l; i <= r; i++)
        {
            swap((a+l), (a+i));
            permutation(a, l+1, r);
            swap((a+l), (a+i));
        }
    }
}
9
int main()
10
```

Type here to search

Inheritance in Java

```
eclipse-workspace - test_project/src/test_project/Vehicle.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window
Package Explorer TestProject.java
test_project JRE System Library [JavaSE-11]
└── src
    └── test_project
        ├── TestProject.java
        └── Vehicle.java
module-info.java
1 package test_project;
2
3 public class Vehicle {
4     int cost = 350;
5     int mileage = 40;
6
7     public void show_vehicle{
8         System.out.println("Vehicle Details");
9         System.out.println("Cost : " + cost);
10        System.out.println("Mileage : " + mileage);
11    }
12
13}
14
15
16
17
18}
```

NPTEL: Week 6 Lecture series - [View](#)

sohannaik5648987 / Repositories [View](#)

Slack | * cse_third_year_2019_20 | [View](#)

Free Online Information Technology | [View](#)

Type here to search

github.com/sohannaik5648987?tab=repositories

Overview Repositories 5 Projects 0 Stars 0 Followers 0 Following 0

Find a repository... Type: All Language: All

lockdown-certification-course [Star](#)
Updated 6 hours ago

sohan.c [Star](#)
Updated 8 days ago

sohannaik.github-io [Star](#)
Updated on Sep 9, 2019

sohannaikk [Star](#)
Updated on Aug 19, 2019

Type here to search

1641 ENG 20-05-2020

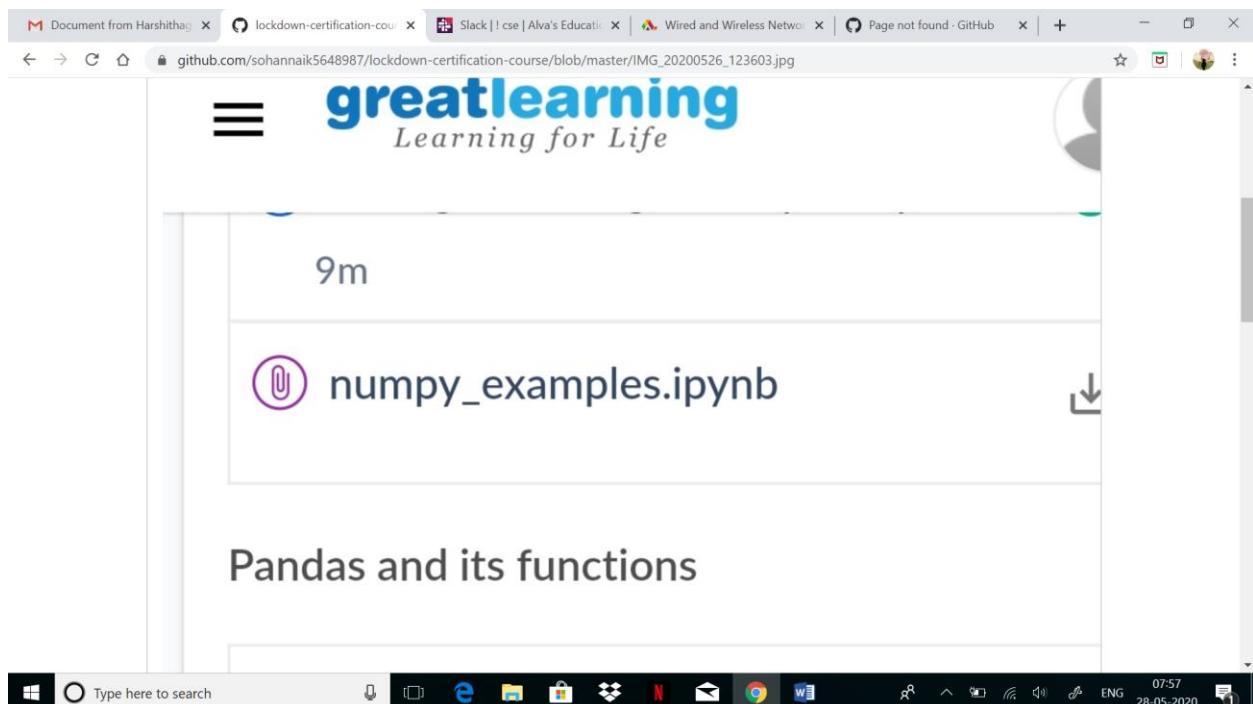
Document from Harshithag | lockdown-coding/PERMUTATION.c | Slack | ! cse | Alva's Education | Wired and Wireless Network | Page not found - GitHub | +

github.com/sohannaik5648987/lockdown-coding/blob/master/PERMUTATION.c

41 lines (34 sloc) | 578 Bytes

```
1 #include <stdio.h>
2 #include <string.h>
3
4 void swap(char *x, char *y)
{
    char temp;
    temp = *x;
    *x = *y;
    *y = temp;
}
11
12 void permutation(char *a, int l, int r)
13 {
    int i;
15
    if (l == r)
        printf("%s\n", a);
    else
    {
        for (i = l; i <= r; i++)
        {
            swap((a+l), (a+i));
            permutation(a, l+1, r);
            swap((a+l), (a+i));
        }
    }
}
27
28
```

Type here to search ENG 07:56 28-05-2020



The screenshot shows a web browser window with multiple tabs open. The active tab is 'github.com/anusha2019?tab=repositories'. The page displays the GitHub profile of 'anusha2019'. On the left, there's a green profile picture placeholder. Below it, the user's name 'anusha2019' and a 'Follow' button are visible. A 'Block or report user' link is also present. The main content area shows four repository cards:

- lockdowncoding**: Updated 5 hours ago. Language: C.
- lockdown-certification-course-**: Updated yesterday.
- Lockdown-Coding**: Forked from shreee18shaila2000/Lockdown-Coding. Updated 2 days ago. Language: Java.
- javaswing**: Updated 10 days ago.

At the bottom of the page, there's a navigation bar with links for Raw, Blame, History, and other GitHub-specific icons.

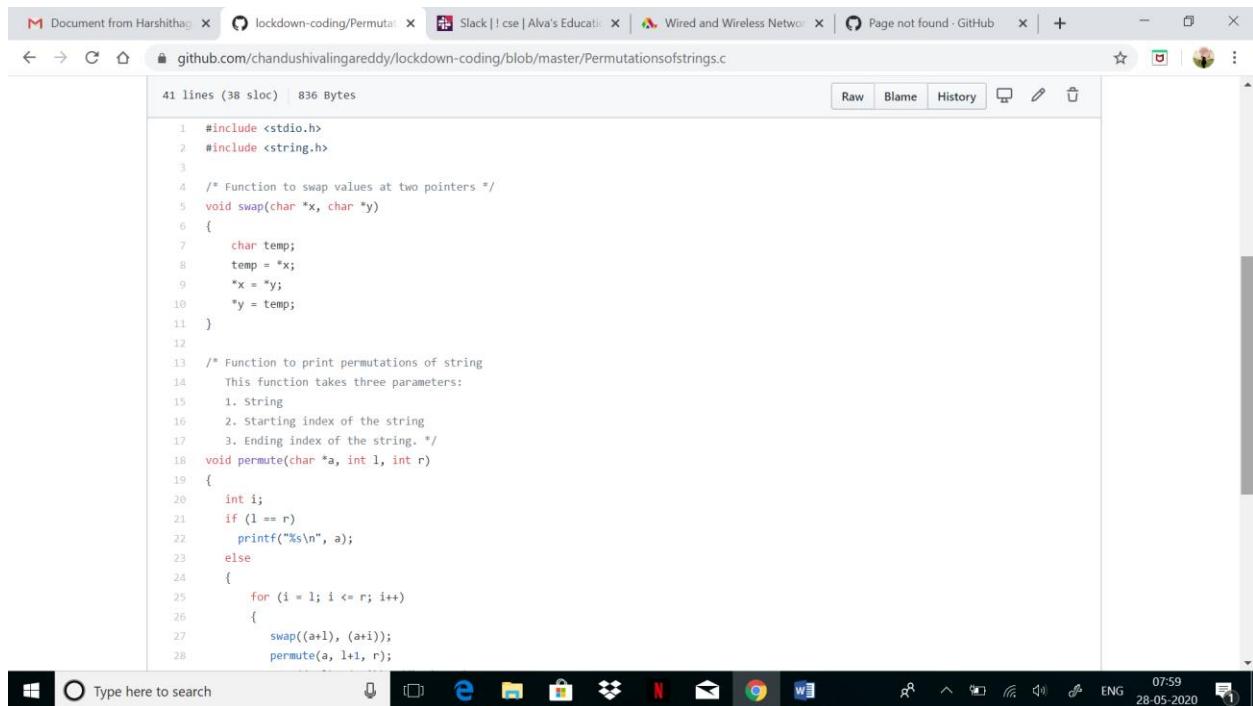
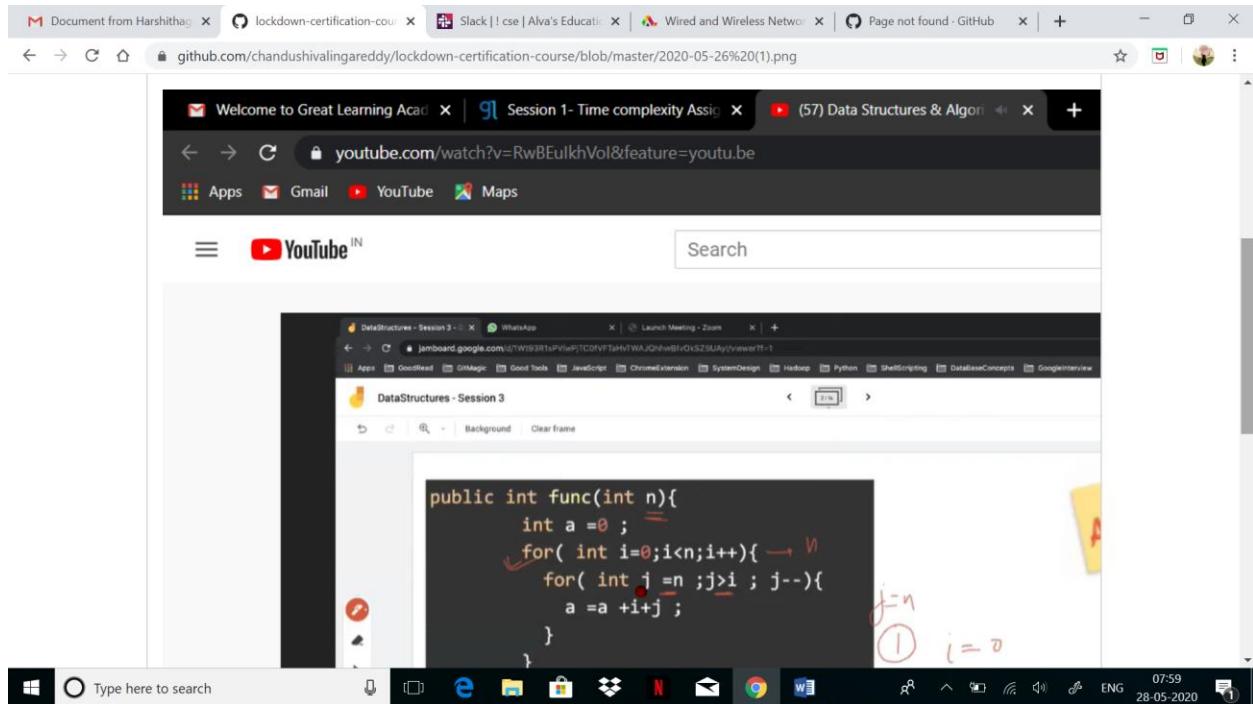
The screenshot shows a web browser window with multiple tabs open. The active tab is 'github.com/anusha2019/lockdowncoding/blob/master/Permutations.c'. The page displays the source code for a C program named 'Permutations.c'. The code is as follows:

```
1 #include <stdio.h>
2 #include <string.h>
3
4 void swap(char *x, char *y)
5 {
6     char temp;
7     temp = *x;
8     *x = *y;
9     *y = temp;
10 }
11
12 void permutation(char *a, int l, int r)
13 {
14     int i;
15
16     if (l == r)
17         printf("%s\n", a);
18     else
19     {
20         for (i = l; i <= r; i++)
21         {
22             swap((a+l), (a+i));
23             permutation(a, l+1, r);
24             swap((a+l), (a+i));
25         }
26     }
27 }
```

At the bottom of the page, there's a navigation bar with links for Raw, Blame, History, and other GitHub-specific icons. The browser taskbar at the bottom shows the Windows Start button, a search bar, and various pinned application icons.

A screenshot of a Microsoft Edge browser window. The address bar shows the URL: github.com/anusha2019/lockdown-certification-course-/blob/master/Screenshot_2020-05-26-19-00-57-852_com.android.chrome.png. The page content includes a header with the Great Learning logo and a navigation link to "Go Back to Introduction to Ethical Hacking". Below this, there is a section titled "Course Content" with the title "Ethical Hacking in Network Architecture-Demonstration". The browser's taskbar at the bottom shows various pinned icons.

A screenshot of a Microsoft Edge browser window showing a GitHub user profile for "chandushivalingareddy". The profile page displays several repositories: "lockdown-coding" (C, updated 20 hours ago), "lockdown-certification-course" (updated yesterday), "Java" (Java, updated 10 days ago), and "chandushivalingareddy.github.io" (HTML, updated on Aug 26, 2019). The GitHub interface includes a search bar, filter options for type and language, and a "Follow" button. The browser's taskbar at the bottom shows various pinned icons.



NPTEL: Week 6 Lecture series - GitHub ash7745 / Repositories Slack | * cse_third_year_2019_20 | Free Online Information Technol... +

github.com/ash7745?tab=repositories

Overview Repositories 13 Projects 0 Stars 6 Followers 0 Following 0

Find a repository... Type: All Language: All

lockdown-coding
Updated 8 hours ago ★ Star

lockdown-certification
Updated yesterday ★ Star

kjkih
Updated 2 days ago ★ Star

ash99
Updated 2 days ago ★ Star

ash7745 Follow Block or report user Organizations

Type here to search

Document from Harshithag | GitHub | Slack | Alva's Education | Wired and Wireless Networks | Page not found - GitHub

github.com/ash7745/lockdown-certification/blob/master/ASHISH%20GRACION%20MENEZES%20(2).pdf


greatlearning
Learning for Life

Certificate of completion

Presented to
Ashish Gracion Menezes

For successfully completing a free online course
Introduction to Ethical Hacking

Provided by
Great Learning Academy
(On May 2020)

Type here to search

Document from Harshitha@DESKTOP-7D6PQHJ

github.com/ash7745/lockdown-coding/blob/master/permuation.c

```
1 #include <stdio.h>
2 #include <string.h>
3
4 void swap(char *x, char *y)
5 {
6     char temp;
7     temp = *x;
8     *x = *y;
9     *y = temp;
10 }
11
12 void permutation(char *a, int l, int r)
13 {
14     int i;
15
16     if (l == r)
17         printf("%s\n", a);
18     else
19     {
20         for (i = l; i <= r; i++)
21         {
22             swap((a+i), (a+i));
23             permutation(a, l+1, r);
24             swap((a+i), (a+i));
25         }
26     }
27 }
28
29 int main()
30 {
```

NPTEL: Week 6 Lecture series - 0

Churashma / Repositories

github.com/Churashma?tab=repositories

Overview **Repositories 5** Projects 0 Stars 2 Followers 0 Following 0

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Lockdown-coding
Java Updated 5 hours ago ★ Star

Lockdown-certification
course
Updated yesterday ★ Star

JAVA
java programs
Java Updated 10 days ago ★ Star

sample
★ 1 Updated on Sep 23, 2019 ★ Star

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github.com/Churashma/Lockdown-coding/blob/master/Permutations.c

41 lines (34 sloc) 578 Bytes

```
1 #include <stdio.h>
2 #include <string.h>
3
4 void swap(char *x, char *y)
5 {
6     char temp;
7     temp = *x;
8     *x = *y;
9     *y = temp;
10 }
11
12 void permutation(char *a, int l, int r)
13 {
14     int i;
15
16     if (l == r)
17         printf("%s\n", a);
18     else
19     {
20         for (i = l; i <= r; i++)
21         {
22             swap((a+l), (a+i));
23             permutation(a, l+1, r);
24             swap((a+l), (a+i));
25         }
26     }
27 }
28
29 int main()
```

Windows Taskbar: Type here to search, e, File, Open, Save, Print, Task View, Start, Taskbar Icons, Network, Mail, Google, Chrome, Microsoft Edge, File Explorer, Netflix, Mail, 08:01, ENG, 28-05-2020

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github.com/Churashma/Lockdown-certification/blob/master/IMG-20200526-WA0010.jpg

11:36 AM

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coding
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abhishek
Updated on Nov 11, 2019

abhisheksharoor.github.io
HTML Updated on Oct 22, 2019

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Micro_and_array
Updated on Dec 4, 2019

frustrated_coders
● C Updated on Dec 4, 2019

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A screenshot of a web browser window showing a GitHub user profile. The profile belongs to 'AMRUTHAGANESH'. The main repository listed is 'lockdown-certification_course' (updated 4 hours ago). Below it is 'lockdown-coding-' (xBase, updated 2 days ago), 'java-applet' (Java.applet, updated 9 days ago), and 'java.prgm1'. The browser's address bar shows 'github.com/AMRUTHAGANESH?tab=repositories'. The taskbar at the bottom shows various pinned icons.

A screenshot of a web browser window displaying a presentation slide titled 'Purpose of using Facebook as Marketing Focus Today'. The slide lists four points: 1. Business objective and Facebook, 2. Posts/ Ads on you page – form, 3. Campaign and its Audience, 4. Measuring Outcome. A circular icon with the number '15' is visible in the bottom right corner of the slide. The browser's address bar shows 'github.com/AMRUTHAGANESH/lockdown-certification_course/blob/master/Screenshot_2020-05-26-17-43-56-35.png'. The taskbar at the bottom shows various pinned icons.

The screenshot shows a web browser window with several tabs open. The active tab is a GitHub user profile for 'anvithahm'. The profile page displays a red pixelated profile picture, the username 'anvithahm', a 'Follow' button, and a 'Block or report user' link. Below the profile picture, there are three repository cards:

- JAVA1**: Java, Updated 10 days ago. Forked from richard3658/JAVA.
- JAVA**: Updated 14 days ago.
- JAVA-1**: Forked from richard3658/JAVA.

At the top of the browser window, there are several other tabs: 'NPTEL: Week 6 Lecture series - c...', 'anvithahm / Repositories', 'Slack | * cse_third_year_2019_20', 'Free Online Information Technol...', and a '+' tab. The address bar shows the URL 'github.com/anvithahm?tab=repositories'. The browser interface includes standard navigation buttons (back, forward, search) and a toolbar with icons for file operations.

The screenshot shows a web browser window displaying a GitHub code editor for a C++ file named 'Permutation.c'. The code is as follows:

```
41 lines (38 sloc) | 797 Bytes
1 #include <stdio.h>
2 #include <string.h>
3
4 /* Function to swap values at two pointers */
5 void swap(char *x, char *y)
6 {
7     char temp;
8     temp = *x;
9     *x = *y;
10    *y = temp;
11 }
12
13 /* Function to print permutations of string
14 This function takes three parameters:
15 1. String
16 2. Starting index of the string
17 3. Ending index of the string. */
18 void permute(char *a, int l, int r)
19 {
20     int i;
21     if (l == r)
22         printf("%s\n", a);
23     else
24     {
25         for (i = l; i <= r; i++)
26         {
27             swap((a+l), (a+i));
28             permute(a, l+1, r);
29         }
30     }
31 }
```

The browser window has a similar layout to the first one, with tabs at the top and a toolbar at the bottom. The address bar shows the URL 'github.com/anvithahm/LOCKdown-coding/blob/master/Permutation.c'. The browser interface includes standard navigation buttons and a toolbar with icons for file operations.

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github.com/anvithahm/LOCKDOWN-certification/blob/master/Day%206-2.png

249 KB

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Buffer overflow and its vulnerabilities

The diagram illustrates the buffer overflow vulnerability in the stack across three stages:

- (a)**: Shows the initial state of the virtual address space. The stack grows downwards from the top. The stack pointer (SP) points to the start of "Main's local variables". Below them is "Program" code. At the very bottom is "Buffer A".
- (b)**: Shows the state after an attempt to write more data than fits into Buffer A. The stack pointer has moved past Buffer A into the memory allocated for "A's local variables". The new data (labeled 'E') overwrites the "Return addr" (the address of the next instruction). The stack pointer now points to the end of "A's local variables".
- (c)**: Shows the final state where the program has executed the overwritten return address, causing it to jump to the start of Buffer B. The stack pointer now points to the end of Buffer B.



