

## DAILY ONLINE ACTIVITIES SUMMARY

Date:	20-05-2020	Name:	SHAIFA SHALA
Sem & Sec	6 B	USN:	4AL17CS084
<b>Online Test Summary</b>			
Subject	SYSTEM SOFTWARE AND COMPILER DESIGN		
Max. Marks	30	Score	23
<b>Certification Course Summary</b>			
Course	Career Edge-Knockdown the Lockdown		
Certificate Provider	TCS	Duration	15 Days
<b>Coding Challenges</b>			
Problem Statement: 2 Python Programs			
Status: Executed			
Uploaded the report in Github		Yes	
If yes Repository name		<a href="https://github.com/shaifashala/DailyReport.git">https://github.com/shaifashala/DailyReport.git</a>	
Uploaded the report in slack		Yes	

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

Challenge Over  
by TechGig

## SYSTEM SOFTWARE AND COMPILER DESIGN - IA TEST 1

MCQ

Your Highest Score 23 Max Score 30

Start Test

Summary

Skills SS, Problem Solving Skills

Ends On 20 May

Details Winners FAQs My Submission

Rules

- Any participant can attempt the assessment only 1 times, Only your best score counts!!
- There will be no negative marking.
- Time duration is 40 minutes.
- In case your session expires before finishing the test, you can re-take the test. Your test will resume from where you left off, and the total time will reduce by the duration of your previous attempt.
- Winners of the assessment will be chosen solely on the discretion. Please ensure to update your profile and

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

TABLE OF CONTENTS

Career Edge - Knockdown the Lockdown : Batch 01

Sub Unit- Lesson - Develop Soft Skills for the Workplace

Develop Soft Skills that Industry Demands

Summary

In this module you have learnt:

- Soft Skills are important in maintaining healthy personal and professional relationships.
- A combination of hard and soft skills lead to career growth.
- Soft skills can be acquired by learning, practicing and observing.

794 Comment(s)

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

## Program1:

The screenshot displays a web browser window with multiple tabs open, including an email inbox, Slack, and various learning hubs. The active tab is a GitHub repository page for 'alvas-education-foundation / Shaifa-Shala-Daily-Coding'. The repository has 1 watch, 0 stars, and 0 forks. The main content area shows the 'Code' tab selected, displaying a Python file named 'Reverse.py' on the 'master' branch. The commit history shows a single commit by 'shaifashala' titled 'Rename Reverse.c to Reverse.py' from 29 minutes ago. The code itself is a Python program that takes a number as input and prints its reverse. The code is as follows:

```
1 # Python Program to Reverse a Number
2 Number = int(input("Please Enter any Number: "))
3 Reverse = 0
4 while(Number > 0):
5     Reminder = Number %10
6     Reverse = (Reverse *10) + Reminder
7     Number = Number //10
8 print("\nReverse of entered number is = %d" %Reverse)
```

The bottom of the screenshot shows the Windows taskbar with several application icons (File Explorer, Mail, Edge, L, and Chrome) and a system tray indicating the time as 3:29 PM on 5/20/2020.

## Program2:

alvas-education-foundation / Shaifa-Shala-Daily-Coding

Watch 1 Star 0 Fork 0

Code Issues 0 Pull requests 0 Actions Projects 0 Wiki Security 0 Insights Settings

Branch: master Shaifa-Shala-Daily-Coding / DiffieHellman.py Jump to

Find file Copy path

shaifashala Rename DiffieHellman.c to DiffieHellman.py b4151af 30 minutes ago  
1 contributor

31 lines (24 sloc) 1.14 KB Raw Blame History

```
1 #Write a simple Python program to implement Diffie-Hellman Key Exchange Example
2 # Variables Used
3 sharedPrime = int(input("\nEnter the value of p(shared prime)")) #23
4 sharedBase = int(input("\nEnter the value of g(shared base)")) #5
5
6 aliceSecret = int(input("\nEnter the value of a(alice secret)")) #6
7 bobSecret = int(input("\nEnter the value of a(bob secret)")) #15
8
9 # Begin
10 print( "\nPublicly Shared Variables:")
11 print( " Publicly Shared Prime: ", sharedPrime )
12 print( " Publicly Shared Base: ", sharedBase )
13
14 # Alice Sends Bob A = g^a mod p
15 A = (sharedBase**aliceSecret) % sharedPrime
16 print( "\n Alice Sends Over Public Channel: ", A )
17
```

Screenshot (183).png Screenshot (194).png Screenshot (200) (1).png Screenshot (200).png Show all

```
4 sharedBase = int(input("\nEnter the value of g(shared base)")) #5
5
6 aliceSecret = int(input("\nEnter the value of a(alice secret)")) #6
7 bobSecret = int(input("\nEnter the value of a(bob secret)")) #15
8
9 # Begin
10 print( "\nPublicly Shared Variables:")
11 print( " Publicly Shared Prime: ", sharedPrime )
12 print( " Publicly Shared Base: ", sharedBase )
13
14 # Alice Sends Bob A = g^a mod p
15 A = (sharedBase**aliceSecret) % sharedPrime
16 print( "\n Alice Sends Over Public Channel: ", A )
17
18 # Bob Sends Alice B = g^b mod p
19 B = (sharedBase**bobSecret) % sharedPrime
20 print( " Bob Sends Over Public Channel: ", B )
21
22 print( "\n-----\n" )
23 print( "Privately Calculated Shared Secret:" )
24 # Alice Computes Shared Secret: s = B^a mod p
25 aliceSharedSecret = (B**aliceSecret) % sharedPrime
26 print( " Alice Shared Secret: ", aliceSharedSecret )
27
28 # Bob Computes Shared Secret: s = A^b mod p
29 bobSharedSecret = (A**bobSecret) % sharedPrime
30 print( " Bob Shared Secret: ", bobSharedSecret )
```



Screenshot (183).png Screenshot (194).png Screenshot (200) (1).png Screenshot (200).png Show all