

## DAILY ONLINE ACTIVITIES SUMMARY

Date:	20-05-2020	Name:	Madan G Gudigar
Sem & Sec	VI A	USN:	4AL17CS048
<b>Online Test Summary</b>			
Subject	SSCD IA Test		
Max. Marks	30	Score	20
<b>Certification Course Summary</b>			
Course	Web Development with Python and Javascript		
Certificate Provider	Harvard University	Duration	12weeks
<b>Coding Challenges</b>			
<b>Problem Statement:</b>  1. Python Program to Execute the Values of Two Number using ^ (exclusive or operator).  2. Write Python Program to Reverse a Given Number. This is a Python Program to reverse a given number.			
<b>Status: Completed</b>			
Uploaded the report in Github		Yes	
If yes Repository name		<a href="https://github.com/Madangudigar/online_coding">https://github.com/Madangudigar/online_coding</a>	
Uploaded the report in slack		Yes	

## Online test Detail:

The screenshot shows a mobile app interface for an online test. At the top, it says 'Challenge Over' and 'SYSTEM SOFTWARE AND COMPILER DESIGN - IA TEST 1'. Below this, it says 'by TechGig'. The 'MCQ' section shows 'Your Highest Score: 20' and 'Max Score: 30'. There is a 'Start Test' button. Below that is a 'My Submission' dropdown menu. At the bottom, there is a table with columns 'Sr. No.', 'Submitted On', and 'Score'.

Sr. No.	Submitted On	Score
1	20-05-2020 09:55:00	20

## Online Certification Details

### Lesson-3

- Flask

The screenshot shows a video lecture titled 'Lecture' with a dark background. A man is visible in the bottom right corner, looking at a laptop. The main part of the screen displays Python code for a Flask application. The code is as follows:

```
application.py
index.html

7 app.config["SESSION_TYPE"] = "filesystem"
8 Session(app)
9
10 notes = []
11
12 @app.route("/", methods=["GET", "POST"])
13 def index():
14     session["notes"] = []
15     if request.method == "POST":
16         note = request.form.get("note")
17         session["notes"].append(note)
18
19     return render_template("index.html", notes=notes)
20
```

The video player interface at the bottom shows the file 'application.py' at 14:26, a progress bar at 1:42:01 / 1:45:46, and a speed control set to 1.50x.

## Coding Challenge Details

## 1. Python Program to Execute the Values of Two Number using ^ (exclusive or operator)

```
main.py
1
2 x=int(input("x= "))
3 y=int(input("y= "))
4 print ("Before Swapping: x = ", x, " y =", y)
5 x = x ^ y;
6 y = x ^ y;
7 x = x ^ y;
8 print ("After Swapping: x = ", x, " y =", y)
```

input

```
= 88
Before Swapping: x = 77 y = 88
After Swapping: x = 88 y = 77

...Program finished with exit code 0
Press ENTER to exit console.
```

## 2. Write Python Program to Reverse a Given Number. This is a Python Program to reverse a given number.

```
main.py
1
2 a=int(input("enter Digit :"))
3 rev=0
4 while(a > 0):
5     rem=a%10
6     rev=rev*10+rem
7     a=a//10
8 print("Reversed number: ",rev)
```

input

```
enter Digit :14325
Reversed number: 52341

...Program finished with exit code 0
Press ENTER to exit console.
```