DAILY ONLINE ACTIVITIES SUMMARY

Date:	15/06/2020	Name:	Sumana Rehman
Sem & Sec	8th Sem B	USN:	4AL16CS107

Online Test Summary			
Subject	SMS		
Max. Marks	60	Score	No mails received

Certification Course Summary			
Course	Web Application Pentesting		
Certificate Provider	pentesteracdemy	Duration	

Coding Challenges	
Problem Statement: Python implementation to reverse bits of a number	
Status: Completed	
Uploaded the report in Github	Yes
If yes Repository name	Alvas-education-foundation/Sumana
Uploaded the report in slack	yes

Coding Challenges:

```python
# Python implementation to reverse bits of a number

def reverseBits(n) :

    rev = 0

    # traversing bits of 'n' from the right

    while (n > 0) :

        # bitwise left shift 'rev' by 1

        rev = rev << 1

        # if current bit is '1' if (n & 1 == 1) :

            rev = rev ^ 1

        # bitwise right shift 'n' by 1

        n = n >> 1

    return rev

n = 11

print(reverseBits(n))
```