

DAILY ONLINE ACTIVITIES SUMMARY

Date:	15-06-2020	Name:	Shriraksha
Sem & Sec	8 th ,B	USN:	4AL16CS099
Online Test Summary			
Subject	SMS		
Max. Marks	60	Score	No mail received
Certification Course Summary			
Course	Introduction to Hadoop		
Certificate Provider	Great Learning	Duration	4 Hrs
Coding Challenges			
Problem Statement: Python implementation to reverse bits of a number			
Status: Solved			
Uploaded the report in Github		Yes	
If yes Repository name		alvas-education-foundation/ Shriraksha_k	
Uploaded the report in slack		Yes	

Certiation Course Details:



Coding Challenges:

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))
```

