

DAILY ONLINE ACTIVITIES SUMMARY

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|--|---------------------------|----------|------------------|
| Date: | 15- 06- 2020 | Name: | Akshata Shetty |
| Sem & Sec | 8 th sem B sec | USN: | 4AL16CS092 |
| Online Test Summary | | | |
| Subject | SMS | | |
| Max. Marks | 60 | Score | No mail received |
| Certification Course Summary | | | |
| Course | Aws Lambda foundation | | |
| Certificate Provider | Aws | Duration | 60mins |
| Coding Challenges | | | |
| Problem Statement- # Python implementation to reverse bits of a number | | | |
| Status: completed | | | |
| Uploaded the report in Github | | yes | |
| If yes Repository name | | Akshata | |
| 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)

Coding was given and it was uploaded for github and slack

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))
```