# DAILY ONLINE ACTIVITIES SUMMARY

| Date: | 13-07-2020 | | Name: | Chethana j |
|---|---|---|---|---|
| Sem & Sec | VI Sem A | | USN: | 4AL17CS022 |

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| **Pre-placement Training Summary** |

| Subject | |
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| Max. Marks | - | Score | - |
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| **Online Certification Summary** |

| Course | Python Data Structures |
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| Certificate Provider | Coursera | Duration | 7 week |
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| **Coding Challenges** |

| **Problem Statement:** Python Program for Coin Change |
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| Status:Completed |
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| Uploaded the report in Github | Yes |
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| If yes Repository name | https://github.com/Jchethana1990/online-course https://github.com/Jchethana1990/Machine-learning-workshop |
| Uploaded the report in slack | Yes |

**Online Certification Details:**
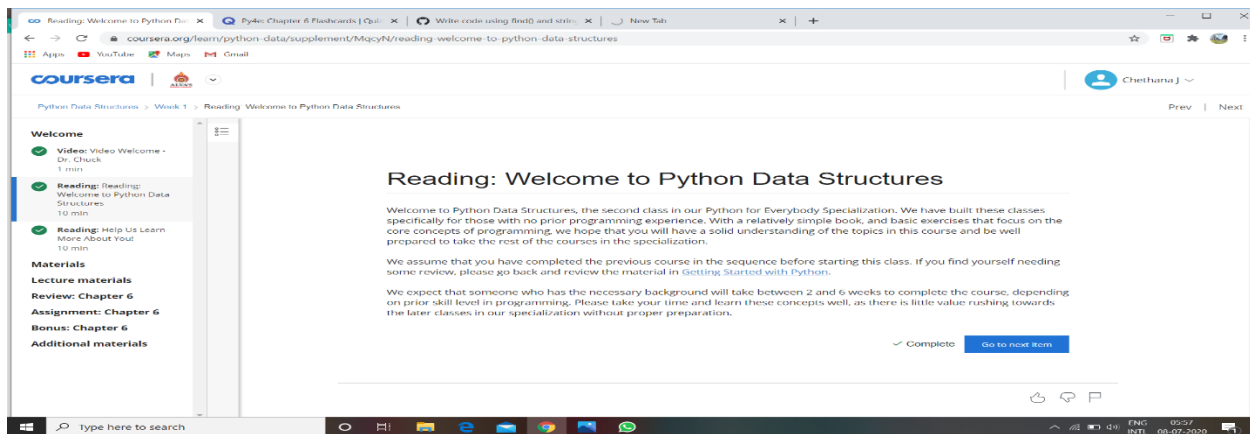
## Coding Challenges Details:

1.Python Program for Coin Change.

```
main.c        main.py    ⋮
 1  def count(S, m, n):
 2      table = [[0 for x in range(m)] for x in range(n+1)]
 3      for i in range(m):
 4          table[0][i] = 1
 5      for i in range(1, n+1):
 6          for j in range(m):
 7              x = table[i - S[j]][j] if i-S[j] >= 0 else 0
 8              y = table[i][j-1] if j >= 1 else 0
 9              table[i][j] = x + y
10      return table[n][m-1]
11  arr = [1, 3, 2, 4]
12  m = len(arr)
13  n = 5
14  print("Number of coins:",count(arr, m, n))
```

```
                                              input
Number of coins: 6
```