

## **DAILY ONLINE ACTIVITIES SUMMARY**

|  |               |               |               |
|--|---------------|---------------|---------------|
| Date:                                  | 29/05/2020    | Name:         | Raghavendra s |
| Sem & Sec                              | 8 sem B sec   | USN:          | 4AL16CS071    |
| <b>Online Test Summary</b>             |               |               |               |
| Subject                                | BDA           |               |               |
| Max. Marks                             | 30            | Score         | 25            |
| <b>Certification Course Summary</b>    |               |               |               |
| Course                                 | HTML tutorial |               |               |
| Certificate Provider                   | sololearn     | Duration      | 6.00hrs       |
| <b>Coding Challenges</b>               |               |               |               |
| Problem Statement: seating arrangement |               |               |               |
| Status: Solved                         |               |               |               |
| Uploaded the report in Github          |               | Uploaded      |               |
| If yes Repository name                 |               | Raghavendra s |               |
| 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)**

## online certificate

The screenshot shows the SoloLearn HTML course overview page. The header is blue with the SoloLearn logo, a code icon, and the word "HTML". To the right of the header is the word "Overview" and a user profile section for "Raghavendra S" with a blue profile picture, email "raghuyadavs153@gmail.com", and links for "Reset" and "Sign out". Below the header, there is a grid of course modules, each with a title, progress indicator, and a green checkmark indicating completion. The modules are: "What is HTML?" (1/4, 2 questions), "Basic HTML Document Structure" (2/4, 3 questions), "Creating Your First HTML Page" (3/4, 3 questions), "Creating a Blog" (4/4, 1 question), and "Module 1 Quiz" (4 questions). A search bar is at the bottom left, and a Windows taskbar is visible at the very bottom.

| Module                        | Progress | Questions     |
|-------------------------------|----------|---------------|
| What is HTML?                 | 1/4      | 2 questions ✓ |
| Basic HTML Document Structure | 2/4      | 3 questions ✓ |
| Creating Your First HTML Page | 3/4      | 3 questions ✓ |
| Creating a Blog               | 4/4      | 1 question ✓  |
| Module 1 Quiz                 |          | 4 questions ✓ |

## ONLINE CODDING

The screenshot shows the HackerRank 'List Comprehensions' problem page. The header is dark blue with the HackerRank logo and navigation links: "PRACTICE", "COMPETE", "JOBS", and "LEADERBOARD". To the right of the header is a search bar and a user profile for "raghuyadavs153". Below the header, there is a breadcrumb trail: "Practice > Python > Basic Data Types > List Comprehensions". The main title is "List Comprehensions" with a star icon. To the right of the title is a progress bar showing "56.11 more points to get your gold badge!" and a rank of "94026" with "Points: 343.89/400". Below the title, there are tabs for "Problem", "Submissions", "Leaderboard", "Discussions", "Editorial", and "Tutorial". The "Problem" tab is selected. The problem description states: "Let's learn about list comprehensions! You are given three integers  $X, Y$  and  $Z$  representing the dimensions of a cuboid along with an integer  $N$ . You have to print a list of all possible coordinates given by  $(i, j, k)$  on a 3D grid where the sum of  $i + j + k$  is not equal to  $N$ . Here,  $0 \leq i \leq X; 0 \leq j \leq Y; 0 \leq k \leq Z$ ". The "Input Format" section says: "Four integers  $X, Y, Z$  and  $N$  each on four separate lines, respectively." The "Constraints" section says: "Print the list in lexicographic increasing order." The "Sample Input 0" section shows the input: "1", "1", "1", "2". On the right side of the page, there is a sidebar with the author "harsh\_beria93", difficulty "Easy", max score "10", and submitted by "242258". There are also links for "View tutorial", "View discussions", "View editorial", and "View top submissions". At the bottom, there is a "RATE THIS CHALLENGE" section with five stars and a "MORE DETAILS" link.

**Problem**

Let's learn about list comprehensions! You are given three integers  $X, Y$  and  $Z$  representing the dimensions of a cuboid along with an integer  $N$ . You have to print a list of all possible coordinates given by  $(i, j, k)$  on a 3D grid where the sum of  $i + j + k$  is not equal to  $N$ . Here,  $0 \leq i \leq X; 0 \leq j \leq Y; 0 \leq k \leq Z$

**Input Format**

Four integers  $X, Y, Z$  and  $N$  each on four separate lines, respectively.

**Constraints**

Print the list in lexicographic increasing order.

**Sample Input 0**

```
1
1
1
2
```

# Congratulations!

You have passed the sample test cases. Click the submit button to run your code against all the test cases.

✔ Sample Test case 0

✔ Sample Test case 1

Input (stdin)

Download

|   |   |
|---|---|
| 1 | 1 |
| 2 | 1 |
| 3 | 1 |
| 4 | 2 |

Your Output (stdout)

|   |   |
|---|---|
| 1 | [[0, 0, 0], [0, 0, 1], [0, 1, 0], [1, 0, 0], [1, 1, 1]] |
|---|---|

Expected Output

Download

|   |   |
|---|---|
| 1 | [[0, 0, 0], [0, 0, 1], [0, 1, 0], [1, 0, 0], [1, 1, 1]] |
|---|---|

