

## WEEK 2

### CHALLENGE 1:

```
PS C:\Users\me\CIS_Com_activities\week2\CIS_Community_Logic_Forge_PSET2> & C:/Users/me/AppData/Local/Programs/Python/Python312/python.exe c:/Users/me/CIS_Com_activities/week2/CIS_Community_Logic_Forge_PSET2/challenge_01_mountain.py
5
1836311903
```

### CHALLENGE 2:

```
PS C:\Users\me\CIS_Com_activities\week2\CIS_Community_Logic_Forge_PSET2> & C:/Users/me/AppData/Local/Programs/Python/Python312/python.exe c:/Users/me/CIS_Com_activities/week2/CIS_Community_Logic_Forge_PSET2/challenge_02_balanced_scale.py
Input: [1, 5, 11, 5]
Can balance scales? True

Input: [1, 3, 5]
Can balance scales? False

Input: [2, 2, 2, 2]
Can balance scales? True
```

### CHALLENGE 3:

```
PS C:\Users\me\CIS_Com_activities\week2\CIS_Community_Logic_Forge_PSET2> & C:/Users/me/AppData/Local/Programs/Python/Python312/python.exe c:/Users/me/CIS_Com_activities/week2/CIS_Community_Logic_Forge_PSET2/challenge_03_mirror_quest.py
7
5
1
2
```

### CHALLENGE 4:

```
PS C:\Users\me\CIS_Com_activities\week2\CIS_Community_Logic_Forge_PSET2> & C:/Users/me/AppData/Local/Programs/Python/Python312/python.exe c:/Users/me/CIS_Com_activities/week2/CIS_Community_Logic_Forge_PSET2/challenge_04_royal_treasury.py
Case A: 4
Case B: 5
Case C: 0
```

### CHALLENGE 5:

```
PS C:\Users\me\CIS_Com_activities\week2\CIS_Community_Logic_Forge_PSET2> & C:/Users/me/AppData/Local/Programs/Python/Python312/python.exe c:/Users/me/CIS_Com_activities/week2/CIS_Community_Logic_Forge_PSET2/challenge_05_master_scheduler_dilemma.py
Example 1 Output: 1
Example 2 Output: 2
Example 3 Output: 0
```

### CHALLENGE 6:

```
PS C:\Users\me\CIS_Com_activities\week2\CIS_Community_Logic_Forge_PSET2> & C:/Users/me/AppData/Local/Programs/Python/Python312/python.exe c:/Users/me/CIS_Com_activities/week2/CIS_Community_Logic_Forge_PSET2/challenge_06_high_stakes_freelancer.py
Example 1 Output: [2, 60]
Example 2 Output: [2, 127]
```

### CHALLENGE 7:

```
PS C:\Users\me\CIS_Com_activities\week2\CIS_Community_Logic_Forge_PSET2> & C:/Users/me/AppData/Local/Programs/Python/Python312/python.exe c:/Users/me/CIS_Com_activities/week2/CIS_Community_Logic_Forge_PSET2/challenge_07_koko_banana_buffet.py
Output 1: 5
Output 2: 10
```