

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
```