

scenarios

1. If n is odd, print weird
2. If n is even and inclusive range of 2 to 5, print not weird
3. if n is even and in inclusive range of 6 to 20, print weird
4. if n is even and greater than 20, print not weird

```
In [24]: def is_weird(n):
         if n % 2 != 0:
             print("Weird")
         elif n in range(2, 6):
             print("Not Weird")
         elif n in range(6, 21):
             print("Weird")
         else:
             print("Not Weird")

         # Test the function with some sample inputs
         test_cases = [1,3, 4, 6,17, 21,22]

         for n in test_cases:
             print(f"Input: {n}")
             is_weird(n)
             print()
```

```
Input: 1
Weird
```

```
Input: 3
Weird
```

```
Input: 4
Not Weird
```

```
Input: 6
Weird
```

```
Input: 17
Weird
```

```
Input: 21
Weird
```

```
Input: 22
Not Weird
```

Given the participants score sheet for your university sports day, you are required to find the runner-up score. You are given n scores, Store them in a list and find the score of the runner-up

```
In [1]: def find_runner_up_score(scores):
         # Remove duplicates and sort the scores in descending order
         unique_scores = sorted(set(scores), reverse=True)

         # If there are at least two scores, return the second highest score
         if len(unique_scores) > 1:
             return unique_scores[1]
         else:
             return "There is no runner-up score."

         # Test the function with some sample inputs
         scores = [2, 3, 6, 6, 5]
         print("Runner-up Score:", find_runner_up_score(scores))

         scores = [1, 1, 1, 1, 1]
         print("Runner-up Score:", find_runner_up_score(scores))

         scores = [5, 5, 5, 5, 5]
         print("Runner-up Score:", find_runner_up_score(scores))

         scores = [10, 8, 12, 14, 10, 12]
         print("Runner-up Score:", find_runner_up_score(scores))

         scores = [5, 5, 5, 5, 0]
         print("Runner-up Score:", find_runner_up_score(scores))
```

```
Runner-up Score: 5
```

```
Runner-up Score: There is no runner-up score.
```

```
Runner-up Score: There is no runner-up score.
```

```
Runner-up Score: 12
```

```
Runner-up Score: 0
```

```
In [ ]:
```