

assignment-1

February 18, 2024

```
[10]: def is_weird(n):
        if n % 2 != 0:
            print("Weird")
        else:
            if n in range(2, 5):
                print("Not Weird")
            elif n in range(6, 20):
                print("Weird")
            else:
                print("Not Weird")

        # Test the function with different values of n
        test_cases = [3, 4, 6, 12, 20, 22]
        for n in test_cases:
            print(f"For n = {n}: ", end="")
            is_weird(n)
```

```
For n = 3: Weird
For n = 4: Not Weird
For n = 6: Weird
For n = 12: Weird
For n = 20: Not Weird
For n = 22: Not Weird
```

```
[11]: # Input the number of participants
n = int(input("Enter the number of participants: "))

# Initialize an empty list to store scores
scores = []

# Input the scores
for i in range(n):
    score = int(input(f"Enter the score of participant {i+1}: "))
    scores.append(score)

# Sort the scores in descending order
scores.sort(reverse=True)
```

```
# Find the runner-up score
runner_up_score = scores[1]

print("The runner-up score is:", runner_up_score)
```

```
Enter the number of participants: 5
Enter the score of participant 1: 23665
Enter the score of participant 2: 23666
Enter the score of participant 3: 23667
Enter the score of participant 4: 23668
Enter the score of participant 5: 23669
The runner-up score is: 23668
```

[]: