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Assignment-1

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```
[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
```

[]: