Assignment 1

Question 1:
Given an integer n, perform the following conditional actions:
If n is odd print Weird
If n is even and in the inclusive range of 2 to 5, print Not Weird
If n is even and in the inclusive range of 6 to 20, print Weird
If n is even and greater than 20, print Not Weird
Complete the subcode provided in your editor to print whether or not n is weird
Solution:

```
def check_weirdness(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 an example
check_weirdness(3)
check_weirdness(4)
check_weirdness(10)
check_weirdness(22)
```

```
Weird
Not Weird
Weird
Not Weird
```

Question 2:
Given the participant's 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

Solution:

```
def find_runner_up_score(scoreslist):
    scoreslist.sort(reverse=True)  # Sort the scores in descending order
    max_score = scoreslist[0]  # Get the maximum score

    # Find the runner-up score
    for score in scoreslist[1:]:
        if score < max_score:
            return score
    return None  # If no runner-up score is found

# Example scoreslist
scoreslist = [2, 3, 6, 6, 5]

# Find the runner-up score
runner_up_score = find_runner_up_score(scores)

# Print the runner-up score if found
if runner_up_score is not None:
    print("The runner-up score is:", runner_up_score)
else:
    print("No runner-up score found.")
```

```
The runner-up score is: 5
```