Assignment - 1

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1. Given an integer n perform the following conditional actions.
   1. If n is odd, print weird
   2. If n is even and in the inclusive range of 2 to 5, print not weird
   3. If n is even and in the inclusive range of 6 to 20, print weird
   4. If n is even and greater than 20, print Not weird

Program:

```
def weird_or_not_weird(n):
    if n%2!=0:
        print("weird")
    else:
        if n in range(2,6):
            print("Not weird")
        elif n in range(6,21):
            print("weird")
        else:
            print("Not weird")
weird_or_not_weird(3)
weird_or_not_weird(24)
```

Output:

```
weird
Not weird
```

2. 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.

Program:

```
def find_runner_up_score(scores):
    sorted_scores = sorted(scores, reverse=True)
    runner_up_score = sorted_scores[1]
    return runner_up_score
n = int(input("Enter the number of scores:"))
scores = []
for i in range(n):
    score = int(input("Enter the score:"))
    scores.append(score)
runner_up_score = find_runner_up_score(scores)
print("The runner-up score is:", runner_up_score)
```

Output:

```
Enter the number of scores: 5
Enter the score: 2
Enter the score: 3
Enter the score: 5
Enter the score: 6
Enter the score: 4
The runner-up score is: 5
```