

Assignment - 1

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 stub code provided in your editor to print whether or not n is weird.

sample input 0

3

sample output 0
weird.

sample input 1

21

sample output 1
Not weird.

Answer :-

```
def is_weird(n):
```

```
    if n % 2 != 0:
```

```
        print("weird")
```

```
    elif n in range(2, 5):
```

```
        print("not weird")
```

```
elif n in range (6, 20)
    Point ("weird")
```

else:

```
    Point ("Not weird")
```

Example usage:

```
n = int (input ("enter an integer"))
```

```
is_weird (n)
```

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.

sample input 0

5

2 3 6 6 5

sample output

5

Answer:

```
def find_runner_up_score (scores)
```

```
    unique_scores =
```

```
    sorted (set (scores), reverse = True)
```

```
    if len (unique_scores) > 1:
```

```
        return unique_scores (1)
```

else :

return "there is no runner-up score"

example usage.

scores = [2, 3, 6, 6, 5]

Print ("Runner-up score")

find_runner_up_score(scores)