

assignment-1

February 18, 2024

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[18]: # 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"""

n = int(input("Enter an integer: "))

# if odd

if n % 2 != 0:

    print("Weird")

# if even and between 2 and 5

elif 2 <= n <= 5:

    print("Not Weird")

# if even and between 6 and 20

elif 6 <= n <= 20:

    print("Weird")

# if even and greater than 20

else:
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print("Not Weird")
```

Enter an integer: 12

Weird

[17]: *#Question 2*

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"""
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. """
# list of scores
scores = [5, 2, 3, 3, 6, 6, 5]
# Removing duplicates
unique_scores = list(set(scores))
# Finding the maximum score
max_score = max(unique_scores)
# Removing the maximum score
unique_scores.remove(max_score)
# Finding the runner-up score
runner_up_score = max(unique_scores)
print ("The scores are :", scores )
print ("The runner-up score is:", runner_up_score)
```

The scores are : [5, 2, 3, 3, 6, 6, 5]

The runner-up score is: 5

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