aiml-assignment-1

February 18, 2024

```
[1]: print ("Question 1")
```

```
Question 1
```

```
[2]: n = int(input("enter input:"))
     if n % 2 == 1:
      print("Weird")
     elif n % 2 == 0 and 2 <= n <= 5:
      print("Not Weird")
     elif n % 2 == 0 and 6 <= n <= 20:
      print("Weird")
     else:
      print("Not Weird")
```

```
enter input: 7

Weird
```

```
[3]: n = int(input("enter input:"))
     if n % 2 == 1:
      print("Weird")
     elif n % 2 == 0 and 2 <= n <= 5:
      print("Not Weird")
     elif n % 2 == 0 and 6 <= n <= 20:
      print("Weird")
     else:
      print("Not Weird")
```

```
enter input: 4

Not Weird
```

```
[4]: n = int(input("enter input:"))
     if n % 2 == 1:
      print("Weird")
     elif n % 2 == 0 and 2 <= n <= 5:
      print("Not Weird")
     elif n % 2 == 0 and 6 <= n <= 20:
      print("Weird")
```

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

enter input: 10

Weird

[5]:
```
n = int(input("enter input:"))
if n % 2 == 1:
 print("Weird")
elif n % 2 == 0 and 2 <= n <= 5:
 print("Not Weird")
elif n % 2 == 0 and 6 <= n <= 20:
 print("Weird")
else:
 print("Not Weird")
```

enter input: 24

Not Weird

[6]:
```
print ("Question 2")
```

Question 2

[7]:
```
participant_scores = [int(x) for x in input("Enter the scores: ").split()]
distinct_scores = list(set(participant_scores))
max_score = max(distinct_scores)
runner_up_score = sorted(distinct_scores)[-2]
print(f"The scores are: {participant_scores}")
print(f"The runner up score is: {runner_up_score}")
```

Enter the scores: 8 7 7 9 6

The scores are: [8, 7, 7, 9, 6]
The runner up score is: 8