In [ ]:
```
# RISHABH
#1Given list is [2,4,5,6,6,5]. Print as the runner-up score.=[2,4,5,6,6,5]
scores = [2, 4, 5, 6, 6, 5]

# Find the maximum score in the list
max_score = max(scores)

# Remove all occurrences of the maximum score from the list
while max_score in scores:
    scores.remove(max_score)

# Find the new maximum score in the updated list
runner_up_score = max(scores)

print(runner_up_score)
```

In [ ]:
```
# 2.Given an integer n by user , 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
```

In [7]:
```
n = int(input("Enter an integer: "))

if n % 2 != 0:
    print("Weird")
elif n in range(2, 6):
    print("Not Weird")
elif n in range(6, 21):
    print("Weird")
else:
    print("Not Weird")
```

```
Not Weird
```

In [8]:
```
 #3 The provided code stub will read in a dictionary containing key/value pairs of nam
#marks = { a : [20,25,40], b :[30,35,40] }
 # Define the dictionary containing the key/value pairs of name:[marks]
marks_dict = {'a': [20, 25, 40], 'b': [30, 35, 40]}

# Get the student name from the user
student_name = input("Enter the student name: ")

# Get the marks array for the given student name
marks_array = marks_dict.get(student_name)

# Calculate the average of the marks array using the sum() and len() functions
average_marks = sum(marks_array) / len(marks_array)

# Print the average of the marks array for the given student name, formatted to 2 deci
print("{:.2f}".format(average_marks))
```

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35.00
```

In [9]:
```
#4 Write a program to display the first 7 multiples of 7.
# Loop through the range 1 to 8 (inclusive) and print the product of 7 and the loop va
for i in range(1, 8):
    print(7 * i)
```

```
7
14
21
28
35
42
49
```

In [12]:
```
# 5 Consider a list (list = []). You can perform the following commands:
insert i , e: Insert integer e  at position i.
#print: Print the list.
#remove e: Delete the first occurrence of integer e.
#append e: Insert integer e at the end of the list.
#sort: Sort the list.
#pop: Pop the last element from the list.
#reverse: Reverse the list.
# Create an empty list
my_list = []

# Loop to get user input and perform the corresponding list operation
while True:
    operation = input("Enter a list operation (insert, print, remove, append, sort, pc

    if operation == "quit":
        break

    if operation == "insert":
        position = int(input("Enter the position to insert: "))
        element = int(input("Enter the element to insert: "))
        my_list.insert(position, element)

    elif operation == "print":
        print(my_list)

    elif operation == "remove":
        element = int(input("Enter the element to remove: "))
        my_list.remove(element)

    elif operation == "append":
        element = int(input("Enter the element to append: "))
        my_list.append(element)

    elif operation == "sort":
        my_list.sort()

    elif operation == "pop":
        my_list.pop()

    elif operation == "reverse":
        my_list.reverse()

    else:
```

```
        print("Invalid operation. Please try again.")

print("Exiting list operations program.")
```

```
  Cell In [12], line 2
    insert i , e: Insert integer e  at position i.
           ^
SyntaxError: invalid syntax
```

In [ ]: