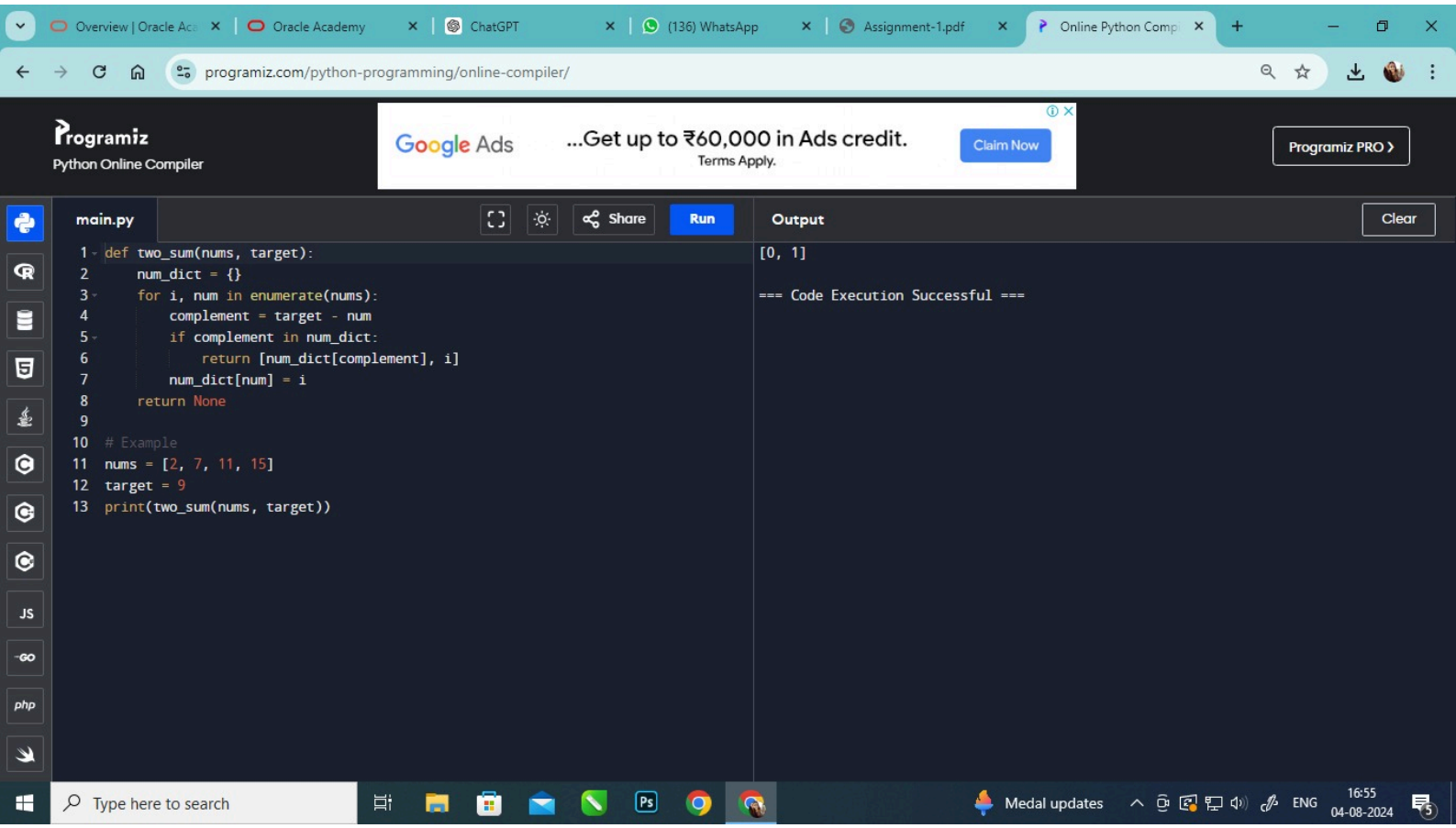
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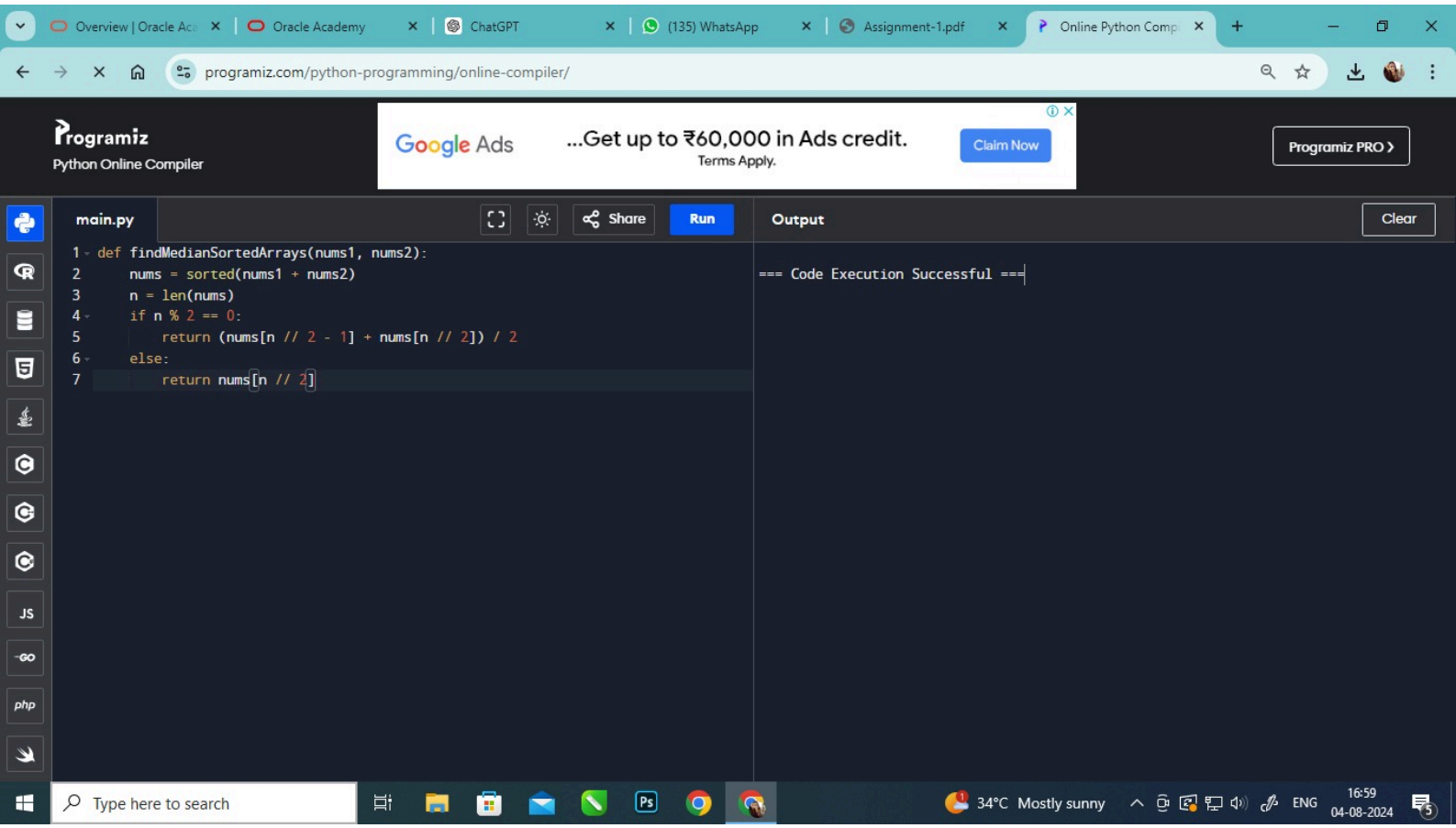
main.py
Share
Run
Output
Clear
def two_sum(nums, target):
num_dict = {}
for i, num in enumerate(nums):
complement = target - num
if complement in num_dict:
return [num_dict[complement], i]
num_dict[num] = i
return None
# Example
nums = [2, 7, 11, 15]
target = 9
print(two_sum(nums, target))
[0, 1]
=== Code Execution Successful ===
Type here to search
Medal updates
ENG
16:55
04-08-2024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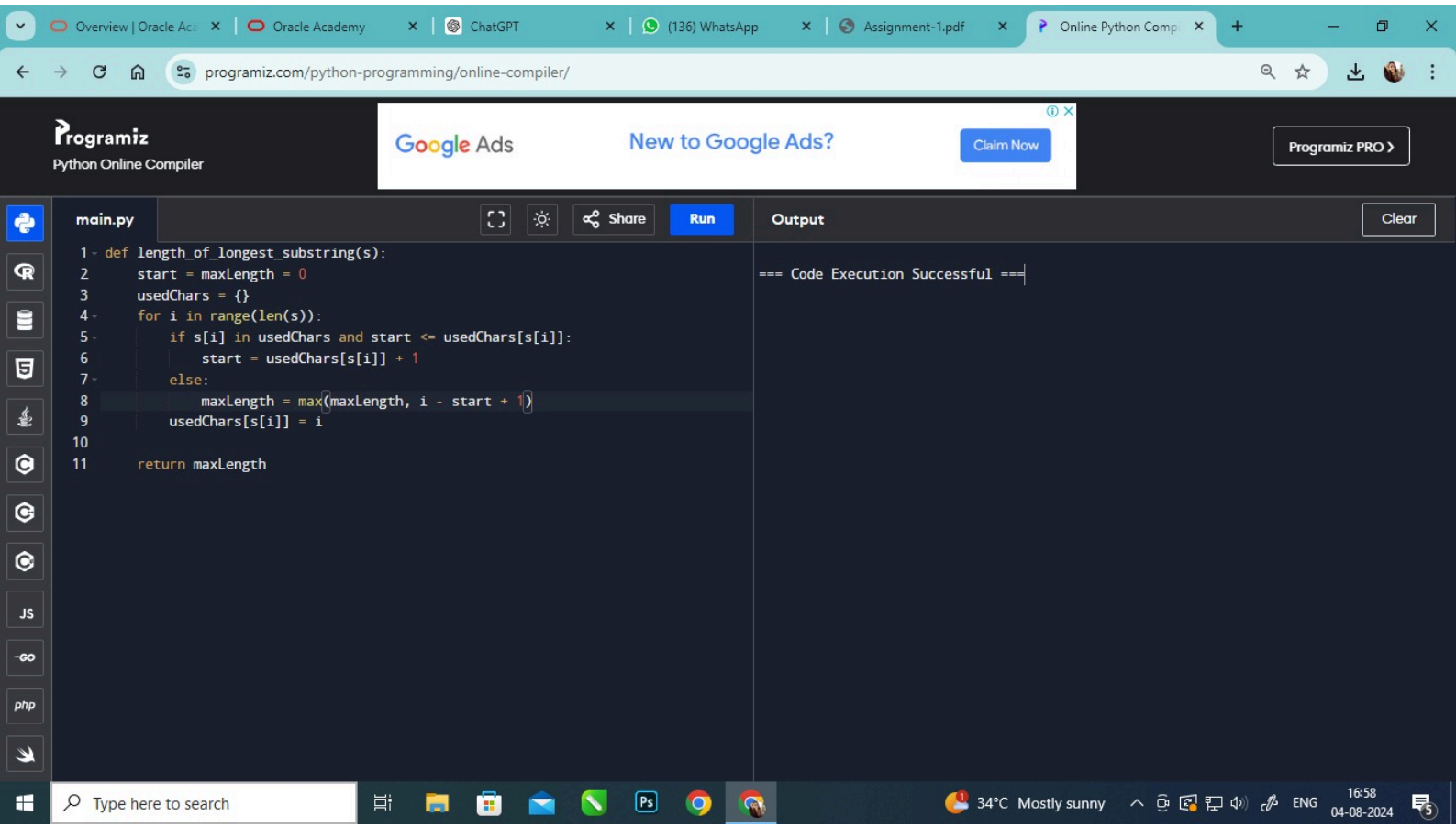
main.py
Share
Run
Output
Clear
def findMedianSortedArrays(nums1, nums2):
nums = sorted(nums1 + nums2)
n = len(nums)
if n % 2 == 0:
return (nums[n // 2 - 1] + nums[n // 2]) / 2
else:
return nums[n // 2]
=== Code Execution Successful ===
Type here to search
34°C Mostly sunny
ENG
16:59
04-08-2024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main.py
Share
Run
Output
Clear
def length_of_longest_substring(s):
start = maxLength = 0
usedChars = {}
for i in range(len(s)):
if s[i] in usedChars and start <= usedChars[s[i]]:
start = usedChars[s[i]] + 1
else:
maxLength = max(maxLength, i - start + 1)
usedChars[s[i]] = i
return maxLength
=== Code Execution Successful ===
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34°C Mostly sunny
ENG
16:58
04-08-2024

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main.py | Share | Run

```python
def two_sum(nums, target):
    num_dict = {}
    for i, num in enumerate(nums):
        complement = target - num
        if complement in num_dict:
            return [num_dict[complement], i]
        num_dict[num] = i
    return None
nums = [2, 7, 11, 15]
target = 9
print(two_sum(nums, target))
```

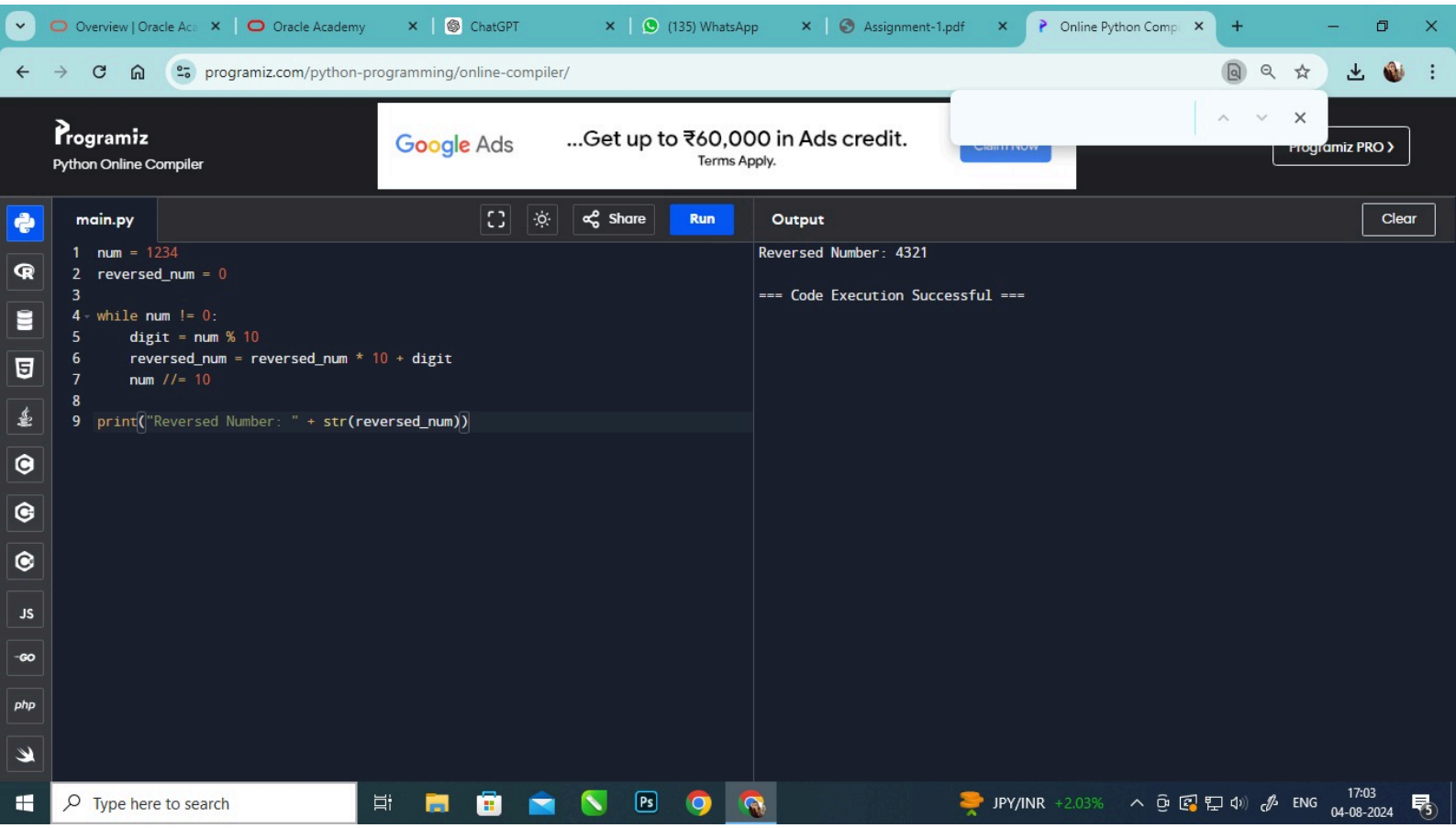
Output | Clear

```
[0, 1]

=== Code Execution Successful ===
```

Type here to search

34°C Mostly sunny ENG 16:56 04-08-2024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main.py
Share
Run
Output
Clear
1 num = 1234
2 reversed_num = 0
3
4 while num != 0:
5 digit = num % 10
6 reversed_num = reversed_num * 10 + digit
7 num //= 10
8
9 print("Reversed Number: " + str(reversed_num))
Reversed Number: 4321
=== Code Execution Successful ===
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JPY/INR +2.03%
ENG
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main.py | Share | Run

```
1 num = '10'
2 print(type(num))
3 converted_num = int(num)
4 print(type(converted_num))
5 print(converted_num + 20)
```

Output | Clear

```
<class 'str'>
<class 'int'>
30

=== Code Execution Successful ===
```

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main.py | Share | Run

```
1  n=int(input("Enter number:"))
2  temp=n
3  rev=0
4  while(n>0):
5      dig=n%10
6      rev=rev*10+dig
7      n=n//10
8  if(temp==rev):
9      print("The number is a palindrome!")
10 else:
11     print("The number isn't a palindrome!")
```

Output | Clear

```
Enter number:52
The number isn't a palindrome!

=== Code Execution Successful ===
```

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main.py | Share | Run | Output | Clear

```python
def findMedianSortedArrays(nums1, nums2):
    if len(nums1) > len(nums2):
        nums1, nums2 = nums2, nums1
    x, y = len(nums1), len(nums2)
    low, high = 0, x
    while low <= high:
        partitionX = (low + high) // 2
        partitionY = (x + y + 1) // 2 - partitionX
        maxX = float('-inf') if partitionX == 0 else nums1[partitionX - 1]
        maxY = float('-inf') if partitionY == 0 else nums2[partitionY - 1]
        minX = float('inf') if partitionX == x else nums1[partitionX]
        minY = float('inf') if partitionY == y else nums2[partitionY]
        if maxX <= minY and maxY <= minX
            if (x + y) % 2 == 0:
                return (max(maxX, maxY) + min(minX, minY)) / 2
            else:
                return max(maxX, maxY)
        elif maxX > minY:
            high = partitionX - 1
        else:
            low = partitionX + 1
    raise ValueError("Input arrays are not sorted.")
nums1 = [1, 3]
nums2 = [2]
print(findMedianSortedArrays(nums1, nums2))
nums1 = [1, 2]
nums2 = [3, 4]
print(findMedianSortedArrays(nums1, nums2))
```

```
2
2.5

=== Code Execution Successful ===
```

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main.py | Share | Run | Output | Clear

```python
def findPaths(m, n, N, i, j):
    dp = [[ [0] * (N + 1) for _ in range(n)] for _ in range(m)]
    directions = [(0, 1), (1, 0), (0, -1), (-1, 0)]
        new_dp = [[0] * n for _ in range(m)]
        for x in range(m):
            for y in range(n):
                for d in directions:
                    nx, ny = x + d[0], y + d[1]
                    if 0 <= nx < m and 0 <= ny < n:
                        new_dp[x][y] += dp[nx][ny][step - 1]
                    else:
                        new_dp[x][y] += 1
        for x in range(m):
            for y in range(n):
                dp[x][y][step] = new_dp[x][y]
    return dp[i][j][N]
print(findPaths(2, 2, 2, 0, 0))
print(findPaths(1, 3, 3, 0, 1))
```

```
6
12

=== Code Execution Successful ===
```

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main.py | Share | Run

```
1  def climbStairs(n):
2      if n <= 1:
3          return 1
4      dp = [0] * (n + 1)
5      dp[0] = 1
6      dp[1] = 1
7      for i in range(2, n + 1):
8          dp[i] = dp[i - 1] + dp[i - 2]
9      return dp[n]
10 print(climbStairs(4))
11 print(climbStairs(3))
```

Output | Clear

```
5
3

=== Code Execution Successful ===
```

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33°C Haze ENG 17:18 04-08-2024