

# SOUMYA JHA

## 20BCE0885

### TASK-2

**HackerRank**

PRACTICE

CERTIFICATIONCOMPETEJOBSLEADERBOARD

Search

Python

Rank: 547969 | Points: 75/110

75 more points to get your next start

Python

Say "Hello, World!" With Python

Easy, Max Score: 5, Success Rate: 97.60%

Solved

Python If-Else

Easy, Python (Basic), Max Score: 10, Success Rate: 91.29%

Solved

Arithmetic Operators

Easy, Python (Basic), Max Score: 10, Success Rate: 98.40%

Solved

Python: Division

Easy, Python (Basic), Max Score: 10, Success Rate: 98.87%

Solved

Loops

Easy, Python (Basic), Max Score: 10, Success Rate: 98.48%

Solved

Write a function

Medium, Python (Basic), Max Score: 12, Success Rate: 90.64%

Solved

Print Function

Easy, Python (Basic), Max Score: 20, Success Rate: 96.61%

Solved

STATUS

☒ Solved

☐ Unsolved

SKILLS

☐ Problem Solving (Basic)

☐ Python (Basic)

☐ Problem Solving (Advanced)

☐ Python (Intermediate)

DIFFICULTY

☐ Easy

☐ Medium

☐ Hard

SUBDOMAINS

☐ Introduction

☐ Basic Data Types

☐ Strings

☐ Sets

☐ Math

☐ Itertools

☐ Collections

☐ Date and Time

☐ Errors and Exceptions

**HackerRank**

PRACTICE

CERTIFICATIONCOMPETEJOBSLEADERBOARD

Search

30 Days of Code

2 more challenges to get your next start!

30 Days of Code

Day 0: Hello, World.

Easy, Max Score: 30, Success Rate: 89.21%

Solved

Day 1: Data Types

Easy, Problem Solving (Basic), Max Score: 30, Success Rate: 86.60%

Solved

Day 2: Operators

Easy, Problem Solving (Basic), Max Score: 30, Success Rate: 92.88%

Solved

Day 3: Intro to Conditional Statements

Easy, Problem Solving (Basic), Max Score: 30, Success Rate: 86.20%

Solved

Day 5: Loops

Easy, Problem Solving (Basic), Max Score: 30, Success Rate: 98.61%

Solved

STATUS

☒ Solved

☐ Unsolved

## FIRST QUESTION:

The screenshot shows the HackerRank interface for the 'Say Hello, World!' challenge. The top navigation bar includes links for PRACTICE, CERTIFICATION, COMPETE, JOBS, and LEADERBOARD. The challenge title is 'Say "Hello, World!" With Python'. The user's rank is 547970 and points are 75/110. The challenge status is 'Accepted' with a score of 5.00. The problem description asks to print all combinations of a string using itertools. The submitted code is a Python 2 script that prints 'Hello, World!'.

**HackerRank** PRACTICE CERTIFICATION COMPETE JOBS LEADERBOARD

Practice > Python > Introduction > Say "Hello, World!" With Python

**Say "Hello, World!" With Python** ★

35 more points to get your next start!  
Rank: 547970 | Points: 75/110

Problem Submissions Leaderboard Discussions Editorial Tutorial

You made this submission 3 months ago.  
Score: 5.00 Status: Accepted

People who solved Say "Hello, World!" With Python attempted this next:

**itertools.combinations()**  
Print all the combinations of a string using itertools.

**Solve Challenge**

**Submitted Code**

Language: Python 2 [Open in editor](#)

```
1 print ("Hello, World!")
2
```

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## SECOND QUESTION:

The screenshot shows the HackerRank interface for the 'Python If-Else' challenge. The top navigation bar includes links for PRACTICE, CERTIFICATION, COMPETE, JOBS, and LEADERBOARD. The challenge title is 'Python If-Else'. The user's rank is 547970 and points are 75/110. The challenge status is 'Easy' with a max score of 10. The problem description asks to perform conditional actions based on the input integer n. The input format is a single line containing a positive integer n. The constraints are 1 ≤ n ≤ 100. The output format is to print 'Weird' if the number is weird, otherwise print 'Not Weird'. The sample input is 3 and the sample output is 'Weird'.

**HackerRank** PRACTICE CERTIFICATION COMPETE JOBS LEADERBOARD

Practice > Python > Introduction > Python If-Else

**Python If-Else** ★

35 more points to get your next start!  
Rank: 547970 | Points: 75/110

Problem Submissions Leaderboard Discussions Editorial Tutorial

Check Tutorial to know how to solve.

**Task**  
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

**Input Format**  
A single line containing a positive integer,  $n$ .

**Constraints**  
•  $1 \leq n \leq 100$

**Output Format**  
Print Weird if the number is weird. Otherwise, print Not Weird.

**Sample Input 0**

```
3
```

**Sample Output 0**

```
Weird
```

Author: shashank21j  
Difficulty: Easy  
Max Score: 10  
Submitted By: 843351

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★★★★★

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```
1 #!/bin/python
2
3 import math
4 import os
5 import random
6 import re
7 import sys
8
9
10
11 if __name__ == '__main__':
12     n = int(raw_input().strip())
13     if 1<=n<=100:
14         if n%2!=0:
15             print("Weird")
16         elif 2<=n<=5:
17             print("Not Weird")
18         elif 6<=n<=20:
19             print("Weird")
20         else:
21             print("Not Weird")
22     else:
23         print("Weird")
24
25
```



## FIFTH QUESTION:

**HackerRank** PRACTICE CERTIFICATION COMPETE JOBS LEADERBOARD

Practice > Python > Introduction > Loops

35 more points to get your next star!  
Rank: 547976 | Points: 75/110

Person

Problem Submissions Leaderboard Discussions Editorial Tutorial

You made this submission 3 months ago.

**Score:** 10.00 **Status:** Accepted

People who solved **Loops** attempted this next:

### Concatenate

Use the concatenate function on 2 arrays.

[Solve Challenge](#)

**Submitted Code**  
Language: Python 2 [Open in editor](#)

```
1 if __name__ == '__main__':
2     n = int(raw_input())
3     if 1<=n<=20:
4         for i in range(n):
5             print(i*i)
6
7
8
```

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## SIXTH QUESTION:

**HackerRank** PRACTICE CERTIFICATION COMPETE JOBS LEADERBOARD

Practice > Python > Introduction > Write a function

35 more points to get your next star!  
Rank: 547976 | Points: 75/110

Person

Problem Submissions Leaderboard Discussions Editorial

You made this submission 3 months ago.

**Score:** 10.00 **Status:** Accepted

People who solved **Write a function** attempted this next:

### Symmetric Difference

Learn about sets as a data type.

[Solve Challenge](#)

**Submitted Code**  
Language: Python 2 [Open in editor](#)

```
1 def is_leap(year):
2     leap = False
3
4     # Write your logic here
5     if 1900<=year<=100000:
6         if (year%4)==0:
7             if (year%100)==0:
8                 if (year%400)==0:
9                     leap = True
10                else:
11                    leap = False
12            else:
13                leap = True
14        else:
15            leap = False
16
17 return leap
18
19
```

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## SEVENTH QUESTION:

**HackerRank** PRACTICE CERTIFICATION COMPETE JOBS LEADERBOARD

Practice > Python > Introduction > Print Function

**Print Function** ★

35 more points to get your next start!

Rank: 547976 | Points: 75/110

NEED HELP?

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You made this submission 3 months ago.

Score: 20.00 Status: Accepted

People who solved **Print Function** attempted this next:

**XML2 - Find the Maximum Depth**

Find the maximum depth in an XML document.

Solve Challenge

Submitted Code

Language: Python 3

```
1 if __name__ == '__main__':
2     n = int(input())
3     for i in range(1,n+1):
4         print(i,end=" ")
5
```

Open in editor

## EIGHTH QUESTION:

**HackerRank** PRACTICE CERTIFICATION COMPETE JOBS LEADERBOARD

Practice > Tutorials > 30 Days of Code > Day 1: Data Types

**Day 1: Data Types** ★

2 more challenges to get your next start!

Points: 5/7

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You made this submission 3 months ago.

Score: 30.00 Status: Accepted

People who solved **Day 1: Data Types** attempted this next:

**Day 4: Class vs. Instance**

Learn the difference between class variables and instance variables.

Solve Challenge

Submitted Code

Language: Python 3

```
4
5
6 n=int(input())
7 c=float(input())
8 m=input()
9
10 print(i+n)
11 print(d+c)
12 print(s+m)
13
```

Open in editor

## NINTH QUESTION:

**HackerRank** PRACTICE CERTIFICATION COMPETE JOBS LEADERBOARD

Practice > Tutorials > 30 Days of Code > Day 2: Operators

Day 2: Operators ★

2 more challenges to get your next start!

Points: 5/7

30 Days of Code

Problem Submissions Leaderboard Discussions Editorial Tutorial

You made this submission 3 months ago.  
Score: 30.00 Status: Accepted

People who solved Day 2: Operators attempted this next:

**Day 4: Class vs. Instance**  
Learn the difference between class variables and instance variables.  
[Solve Challenge](#)

**Submitted Code**

Language: Python 3 [Open in editor](#)

```
1 meal_cost = float(input())
2 tip_percent = int(input())
3 tax_percent = int(input())
4
5 tip = (meal_cost * (tip_percent / 100))
6 tax = (meal_cost * (tax_percent / 100))
7
8 total_cost = meal_cost + tip + tax
9 print(round(total_cost))
10
```

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## TENTH QUESTION:

**HackerRank** PRACTICE CERTIFICATION COMPETE JOBS LEADERBOARD

Practice > Tutorials > 30 Days of Code > Day 5: Loops

Day 5: Loops ★

2 more challenges to get your next start!

Points: 5/7

30 Days of Code

Problem Submissions Leaderboard Discussions Editorial Tutorial

You made this submission 5 days ago.  
Score: 30.00 Status: Accepted

People who solved Day 5: Loops attempted this next:

**Day 4: Class vs. Instance**  
Learn the difference between class variables and instance variables.  
[Solve Challenge](#)

**Submitted Code**

Language: Python 3 [Open in editor](#)

```
1 #!/bin/python3
2
3 import math
4 import os
5 import random
6 import re
7 import sys
8
9 n = int(input())
10 if 2 <= n <= 20:
11     for i in range(1, 11):
12         print(n, "x", i, "=", n*i)
13
14
15
16
```

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