

Figure 1. The effect of the number of trials on the number of correct responses. The number of correct responses (Y-axis) is plotted against the number of trials (X-axis). The data shows a positive correlation between the number of trials and the number of correct responses, with a slight increase in the number of correct responses as the number of trials increases.

Python: Division	★	Solved ✓
Easy, Python (Basic), Max Score: 10, Success Rate: 98.87%		
Loops	★	Solved ✓
Easy, Python (Basic), Max Score: 10, Success Rate: 98.48%		
Write a function	★	Solved ✓
Medium, Python (Basic), Max Score: 10, Success Rate: 90.64%		

## Print Function

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



Solved ✓

## sWAP cASE

Easy, Python (Basic), Max Score: 10, Success Rate: 98.65%



Solved ✓

## What's Your Name?

Easy, Python (Basic), Max Score: 10, Success Rate: 97.83%



Solved ✓

## Mutations

Easy, Python (Basic), Max Score: 10, Success Rate: 98.56%

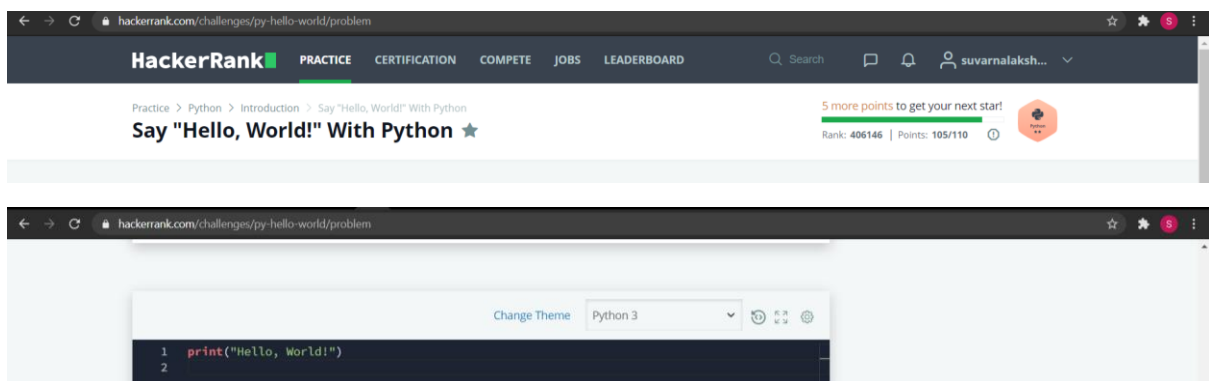


Solved ✓

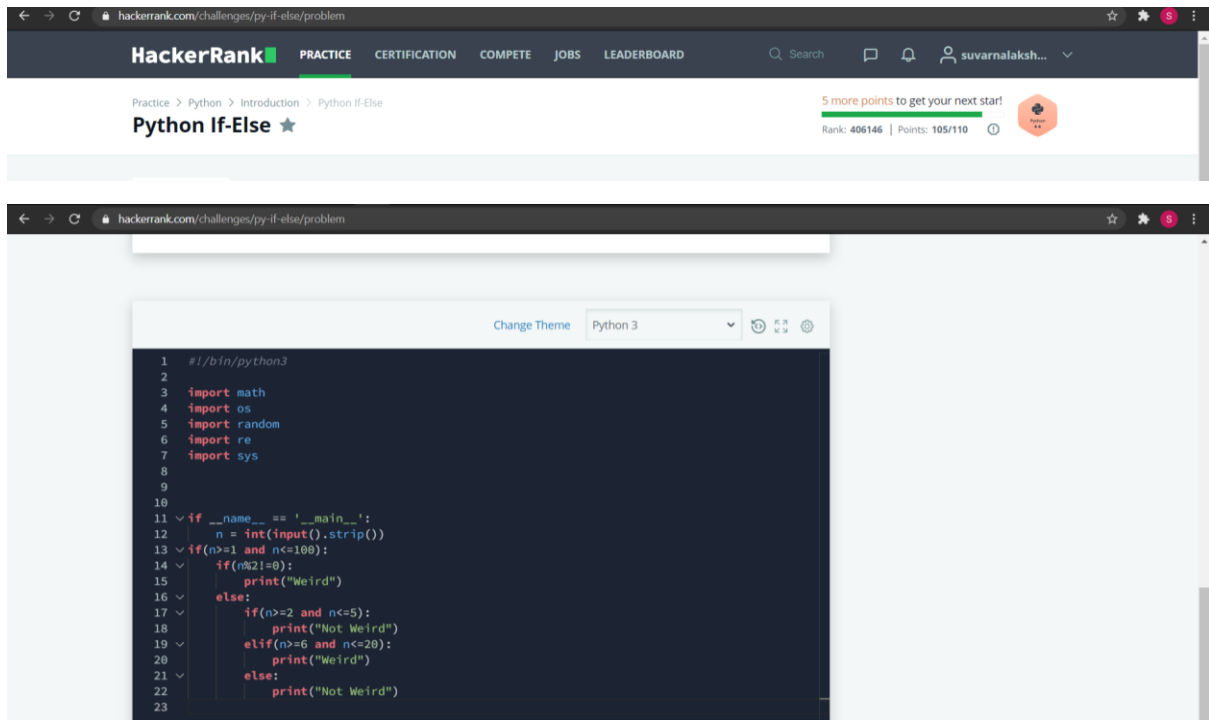
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1)



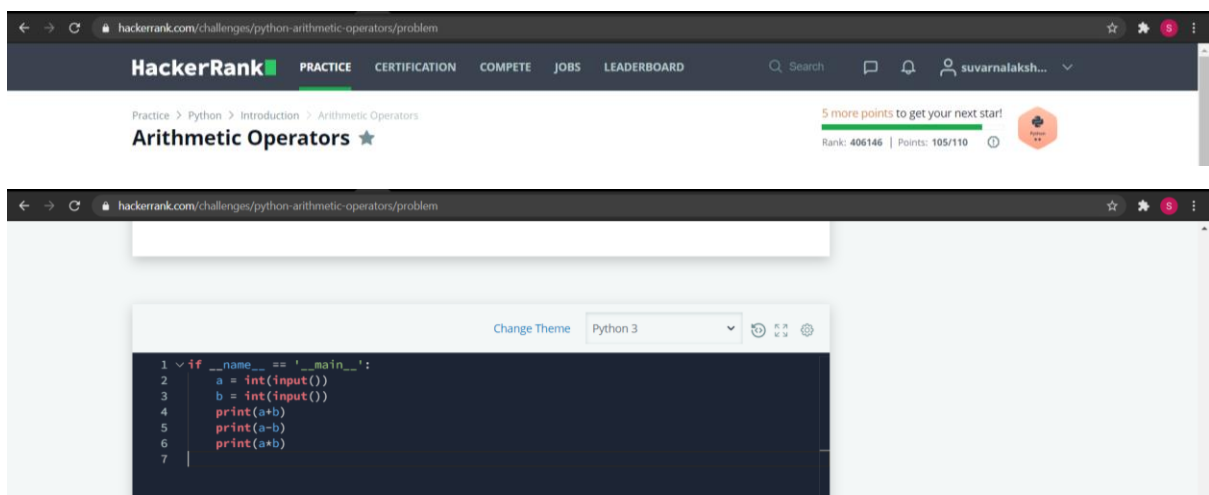
2)



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 user's profile 'suvarnalaksh...' is visible. The challenge title 'Python If-Else' is prominently displayed, along with a progress bar indicating '5 more points to get your next star!' and the user's current rank and points: Rank: 406146, Points: 105/110. Below the header, a code editor is open, showing a Python script that implements the 'Weird' and 'Not Weird' logic. The code includes imports for math, os, random, re, and sys, and uses if-else statements to check the parity and range of an input number n.

```
1 #!/bin/python3
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(input().strip())
13     if (n >= 1 and n <= 100):
14         if (n % 2 != 0):
15             print("Weird")
16         else:
17             if (n >= 2 and n <= 5):
18                 print("Not Weird")
19             elif (n >= 6 and n <= 20):
20                 print("Weird")
21             else:
22                 print("Not Weird")
23
```

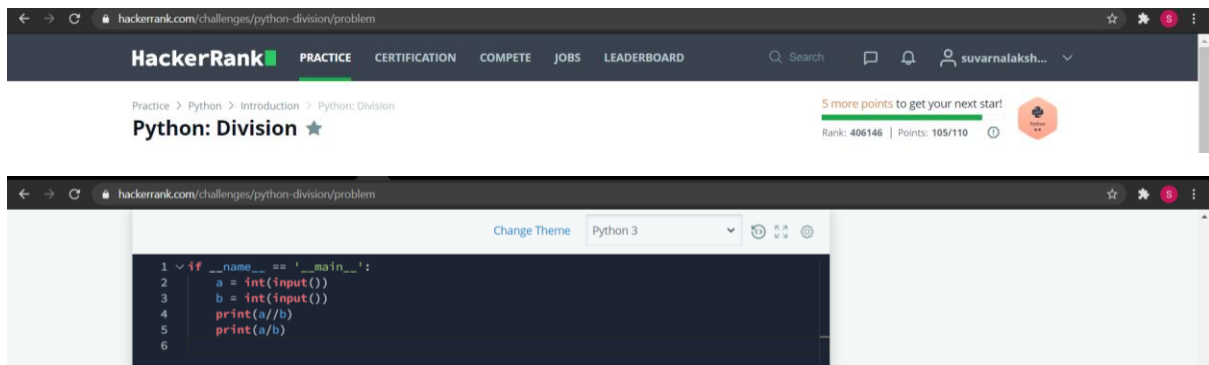
3)



The screenshot shows the HackerRank interface for the 'Python Arithmetic Operators' challenge. The top navigation bar is consistent with the previous image. The challenge title 'Arithmetic Operators' is displayed, along with the same progress bar and user statistics: Rank: 406146, Points: 105/110. The code editor shows a Python script that takes two integers, a and b, as input and prints the results of addition, subtraction, multiplication, and division.

```
1 if __name__ == '__main__':
2     a = int(input())
3     b = int(input())
4     print(a+b)
5     print(a-b)
6     print(a*b)
7
```

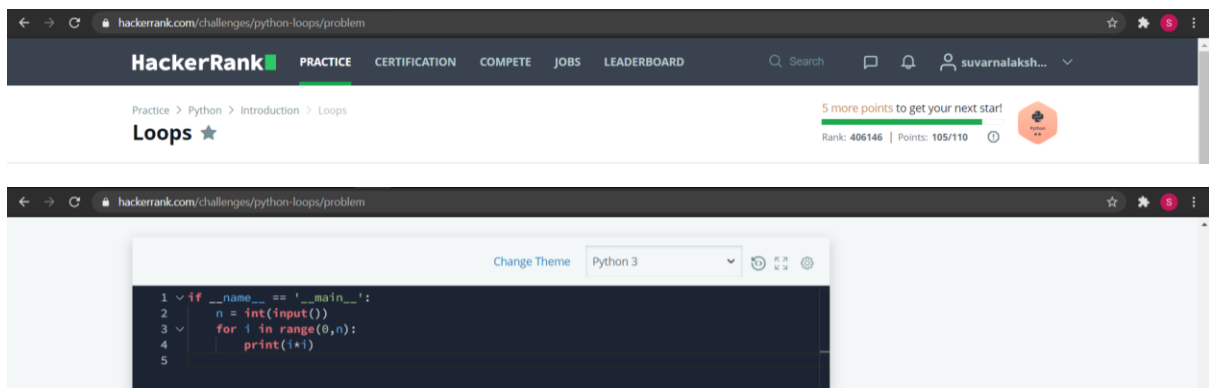
4)



The screenshot shows the HackerRank interface for the 'Python: Division' problem. The top navigation bar includes links for PRACTICE, CERTIFICATION, COMPETE, JOBS, and LEADERBOARD. The user's profile 'suvarnalaksh...' is visible. The problem title 'Python: Division' is displayed with a star icon. A progress bar indicates '5 more points to get your next star!' and the user's rank is 406146 with 105/110 points. The code editor shows a Python script for division:

```
1 if __name__ == '__main__':
2     a = int(input())
3     b = int(input())
4     print(a//b)
5     print(a/b)
6
```

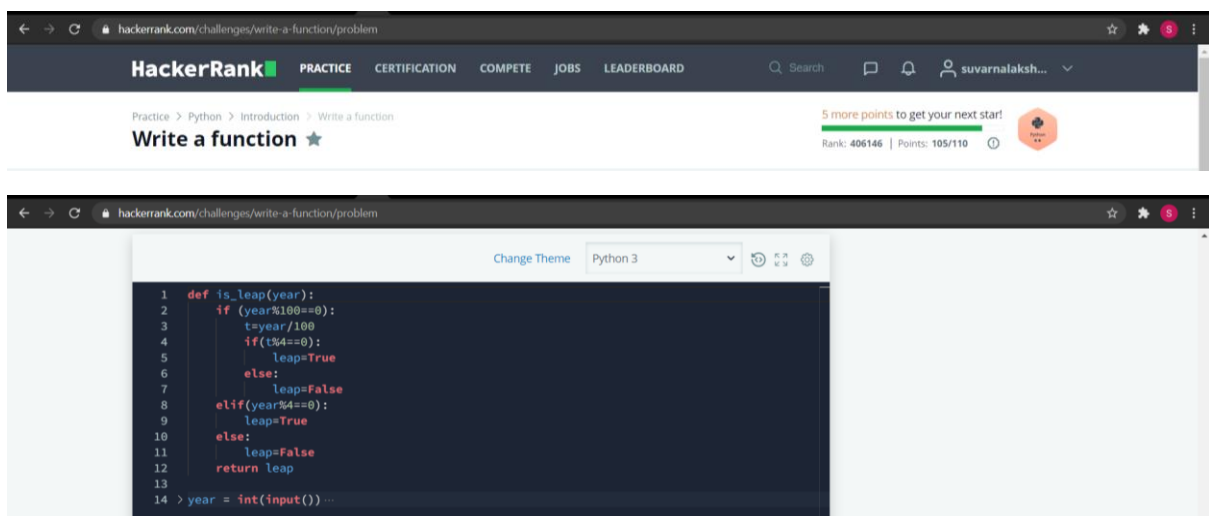
5)



The screenshot shows the HackerRank interface for the 'Loops' problem. The top navigation bar is the same as in the previous screenshot. The problem title 'Loops' is displayed with a star icon. The progress bar and user statistics are identical. The code editor shows a Python script for a loop:

```
1 if __name__ == '__main__':
2     n = int(input())
3     for i in range(0,n):
4         print(i*i)
5
```

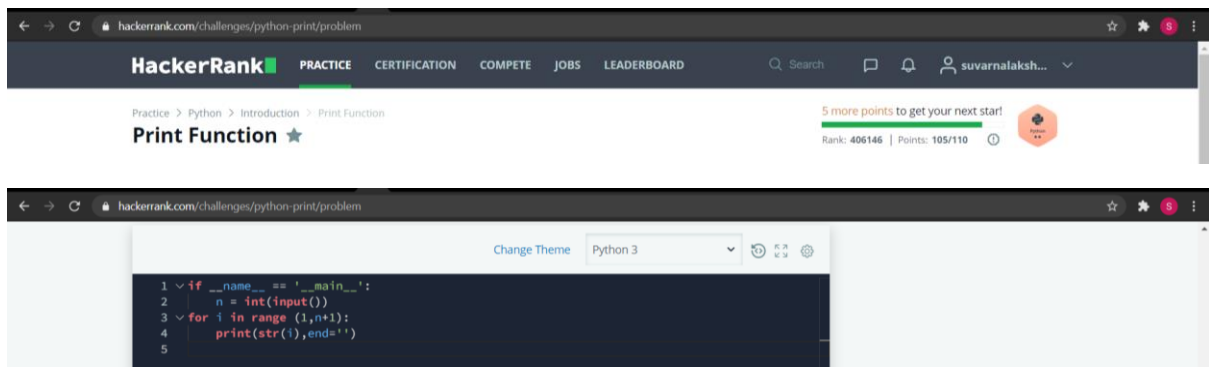
6)



The screenshot shows the HackerRank interface for the 'Write a function' problem. The top navigation bar is the same as in the previous screenshots. The problem title 'Write a function' is displayed with a star icon. The progress bar and user statistics are identical. The code editor shows a Python function for checking leap years:

```
1 def is_leap(year):
2     if (year%100==0):
3         t=year/100
4         if(t%4==0):
5             leap=True
6         else:
7             leap=False
8     elif(year%4==0):
9         leap=True
10    else:
11        leap=False
12    return leap
13
14 > year = int(input())...
```

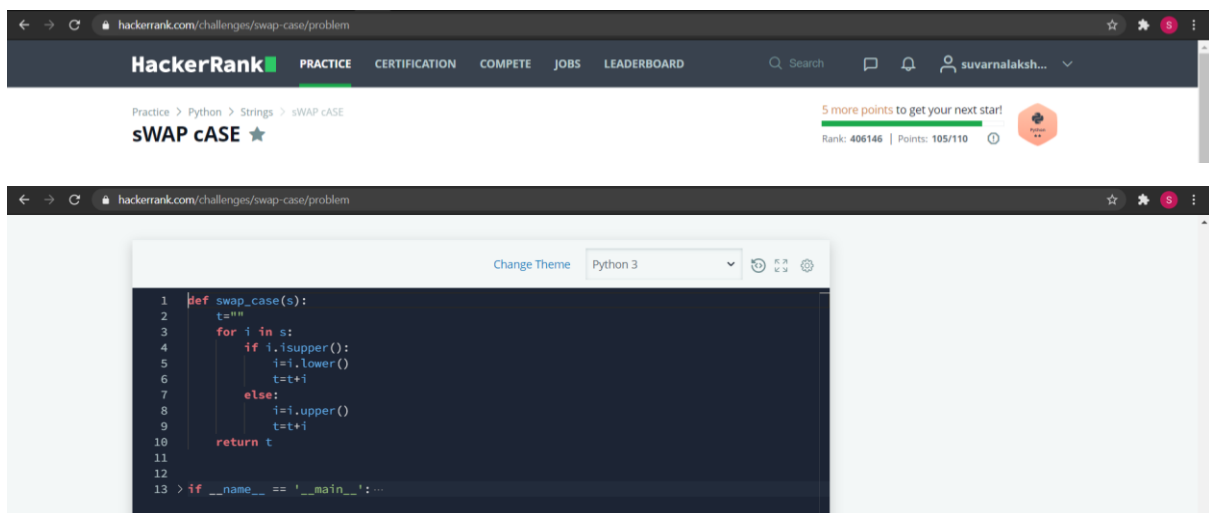
7)



The screenshot shows the HackerRank interface for the 'Print Function' challenge. The top navigation bar includes 'HackerRank', 'PRACTICE', 'CERTIFICATION', 'COMPETE', 'JOBS', and 'LEADERBOARD'. The user's profile 'suvarnalaksh...' is visible. The challenge title 'Print Function' is displayed with a star icon. A progress bar indicates '5 more points to get your next star!' with a rank of 406146 and 105/110 points. The code editor shows the following Python code:

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

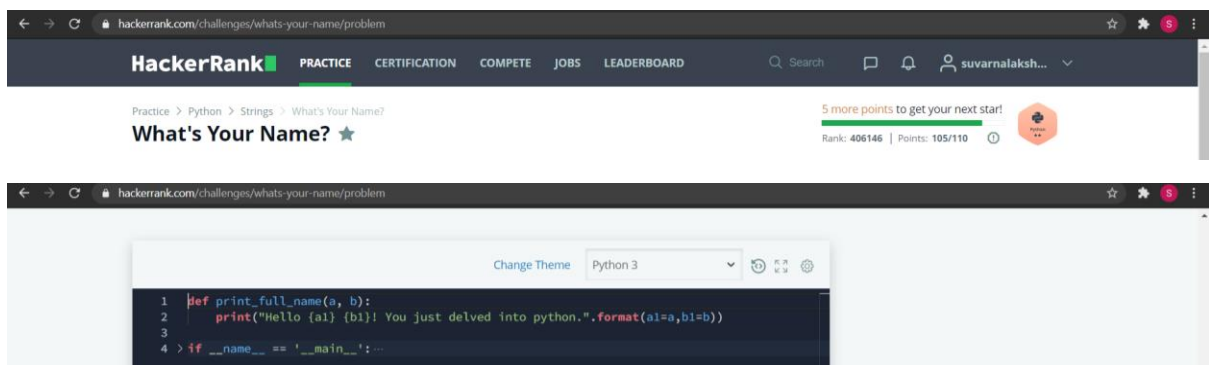
8)



The screenshot shows the HackerRank interface for the 'sWAP cASE' challenge. The top navigation bar is the same as in the previous screenshot. The challenge title 'sWAP cASE' is displayed with a star icon. The progress bar shows '5 more points to get your next star!' with a rank of 406146 and 105/110 points. The code editor shows the following Python code:

```
1 def swap_case(s):
2     t=""
3     for i in s:
4         if i.isupper():
5             i=i.lower()
6             t=t+i
7         else:
8             i=i.upper()
9             t=t+i
10    return t
11
12
13 > if __name__ == '__main__': ...
```

9)



The screenshot shows the HackerRank interface for the 'What's Your Name?' challenge. The top navigation bar is the same as in the previous screenshots. The challenge title 'What's Your Name?' is displayed with a star icon. The progress bar shows '5 more points to get your next star!' with a rank of 406146 and 105/110 points. The code editor shows the following Python code:

```
1 def print_full_name(a, b):
2     print("Hello {a} {b}! You just delved into python.".format(a=a,b=b))
3
4 > if __name__ == '__main__': ...
```

10)

hackerank.com/challenges/python-mutations/problem

HackerRank PRACTICE CERTIFICATION COMPETE JOBS LEADERBOARD Search suvarnalaksh...

Practice > Python > Strings > Mutations

Mutations ★

5 more points to get your next star!

Rank: 406146 | Points: 105/110

hackerank.com/challenges/python-mutations/problem

Change Theme Python 3

```
1 def mutate_string(string, position, character):
2     string=string[:position]+character+string[position+1:]
3     return string
4
5 > if __name__ == '__main__': ...
```