twin 04 (unit? unit=78&lesson=94)

Birthday Paradox - Find your twin 05 (unit? unit=78&lesson=95)

What's your favourite movie? (unit?70xit=78&lesson=96)

Guess the Movie Name 01

Guess the Movie Name 02



NPTEL (https://swayam.gov.in/explorer?ncCode=NPTEL) » The Joy of Computing using Python (course)

Announcements (announcements) About the Course (preview) Ask a Question (forum) Progress (student/home) Mentor (student/mentor)

Programming Assignment 3: Order in Randomness Course outline Due on 2020-10-15, 23:59 IST You all have used the random library of python. You have seen in the screencast how powerful it is. How does an NPTEL online In this assignment, you will sort a list let's say **list_1** of numbers in increasing order using the random library. course work? Following are the steps to sort the numbers using the random library. Week 1 Step 1: Import the randint definition of the random library of python. Check this Week 2 (https://www.codecademy.com/en/forum_questions/55c1eabde39efed2110002ae) page if you want some help. Week 3 Step 2: Take the elements of the list 1 as input. week 4 Step 3: randomly choose two indexes i and j within the range of the size of list_1. Practice is the key (unit? Step 4: Swap the elements present at the indexes i and j. After doing this, check whether the list_1 is sorted or not. unit=78&lesson=79) Step 5: Repeat step 3 and 4 until the array is not sorted. Magic Square: Hit and Trial 01 (unit?unit=78&lesson=80) Input Format: Magic Square: Hit and Trial 02 The first line contains a single number n which signifies the number of elements in the list_1. From the second line, the elements of the list_1 are given with each number in a new line. Magic Square: Hit and Trial 03 **Output Format:** Print the elements of the **list 1** in a single line with each element separated by a space. Magic Square: Hit and Trial 04 NOTE 1: There should not be any space after the last element. (unit?unit=78&lesson=83) Magic Square: Hit and Trial 05 Example: (unit?unit=78&lesson=84) Let's program and play (unit? Input: unit=78&lesson=85) 3 Dobble Game - Spot the similarity 01 (unit? 2 unit=78&lesson=86) ODobble Game - Spot the similarity 02 (unit? Output: unit=78&lesson=87) 1235 ODobble Game - Spot the similarity 03 (unit? Explanation: unit=78&lesson=88) The first line of the input is 4. Which means that n is 4, or the number of elements in list_1 is 4. The elements of list_1 are 3, 1, 2, Dobble Game - Spot the The sorted version of this list is 1 2 3 5, which is the output. similarity 04 (unit? NOTE 2: There are many ways to sort the elements of a list. The purpose of this assignment is to show the power of randomness, What is your date of birth? and obviously the Jov. (unit?unit=78&lesson=90) Select the Language for this assignment. Python3 ♥ Birthday Paradox - Find your twin 01 (unit? 1 n=int(input()) 3 listOne = [] Birthday Paradox - Find your for i in range(n): listOne.append(int(input())) twin 02 (unit? unit=78&lesson=92) Birthdav Paradox - Find your twin 03 (unit? unit=78&lesson=93) Birthday Paradox - Find your

You may submit any number of times before the due date. The final submission will be considered for grading.

This assignment has Public Test cases. Please click on "Compile & Run" button to see the status of Public test cases. Assignment will be evaluated only after submitting using Submit button below. If you only save as or compile and run the Program, your assignment will not be graded and you will not see your score after the deadline.

Save as Draft Comp	ile & Run Submit	Reset
--------------------	------------------	-------

Guess the Movie Name 03
(unit?unit=78&lesson=99)
Guess the Movie Name 04
(unit?unit=78&lesson=100)
Guess the Movie Name 05
(unit?unit=78&lesson=101)
Guess the Movie Name 06
(unit?unit=78&lesson=102)
Programming Assignments 1:
Matrix
(/noc20_cs83/progassignment?
name=286)
Programming Assignment - 2:
Large Numbers
(/noc20_cs83/progassignment?
name=287)
Programming Assignment 3:
Order in Randomness
(/noc20_cs83/progassignment?
name=288)
Quiz : Assignment 4
(assessment?name=296)
Text Transcripts
Download Videos

Compilation : Passed				
Public Test Cases: 3 /	3 Passed			
Note: These tests may not be considered while scoring. Know more.				
Public Test Cases	Input	Expected Output	Actual Output	Status
Test Case 1	2 4 3	3 4	3 4	Passed
Test Case 2	3 4 9 1	1 4 9	1 4 9	Passed
Test Case 3	4 10 3 7 6	3 6 7 10	3 6 7 10	Passed