

DAILY ONLINE ACTIVITIES SUMMARY

Date:	06/06/2020	Name:	Laxman Pundalik Budihal
Sem & Sec	4 rd sem (A sec)	USN:	4AL18CS043
Online Test Summary			
Subject	DC		
Max. Marks	30	Score	27
Certification Course Summary			
Course	Python Bootcamp		
Certificate Provider	Udemy	Duration	24 hours
Coding Challenges			
Problem Statement: Write a program in C to rotate an array by N positions			
Status: Completed			
Uploaded the report in GitHub		YES	
If yes Repository name		https://github.com/alvas-education-foundation/Laxman_Budihal	
Uploaded the report in slack		YES	

Online Test Details: (Attach the snapshot and briefly write the report for the same)

The screenshot shows a web browser window with multiple tabs open. The active tab displays the TechGig challenge page for 'MCQ3-DC'. The page header includes a 'Logout' link and a 'Challenge Over' banner by TechGig. The main content area shows the test title 'MCQ3-DC', the user's highest score of 27, and the maximum score of 30. A 'Question Summary' box states the objective of the round is to screen students on the basis of their domain proficiency. A 'Summary' box indicates the skill is 'Data Communication' and the test ends on '06 Jun'. Below this, there are tabs for 'Details', 'Winners', 'FAQs', and 'My Submission'. The 'Details' tab is selected, showing 'Important Instructions' for the test.

Logout

Challenge Over
by TechGig
DC-IA3

MCQ3-DC
Your Highest Score 27 Max Score 30

Question Summary The objective of this round is to screen students on the basis of their domain proficiency

Start Test

Summary
Skills Data Communication
Ends On 06 Jun

Details Winners FAQs My Submission

Important Instructions
1. Test should be taken in Full Screen only. Any attempt to exit from full screen will submit the test automatically.
2. Students who are taking up test in mobile, make sure you will not pick any call during the test or click on any updates. Mobile screen should not get disabled, so increase the screen timeout
3. Login to your account before taking up the test
4. Answers and Questions both will be shuffled.
5. Don't use multiple login.

DC Internals was conducted. A total of 30 questions were there in which 30 of them were Multiple Choice Questions.

The above snapshot is the result sheet which was mailed to us by the Techgig team.

Certification Course Details: (Attach the snapshot and briefly write the report for the same)

The screenshot shows a Udemy course page for 'Complete Python Bootcamp: Go from zero to hero in Python 3'. The video player displays a table of comparison operators. The course content sidebar lists sections 32 through 33 and Milestone Projects 1 and 2.

Table of Comparison Operators

In the table below, a=3 and b=4.

Operator	Description	Example
==	If the values of two operands are equal, then the condition becomes true.	(a == b) is not true.
!=	If values of two operands are not equal, then condition becomes true.	(a != b) is true.
>	If the value of left operand is greater than the value of right operand, then condition becomes true.	(a > b) is not true.
<	If the value of left operand is less than the value of right operand, then condition becomes true.	(a < b) is true.
>=	If the value of left operand is greater than or equal to the value of right operand, then condition becomes true.	(a >= b) is not true.
<=	If the value of left operand is less than or equal to the value of right operand, then condition becomes true.	(a <= b) is true.

Course content

- 32. Comparison Operators in Python (3min)
- 33. Chaining Comparison Operators in Python with Logical Operators (6min)
- Quiz 7: Comparison Operators Quiz
- Section 5: Python Statements (0 / 7 | 1hr 15min)
- Section 6: Methods and Functions (0 / 24 | 2hr 2min)
- Section 7: Milestone Project - 1 (0 / 10 | 1hr 48min)
- Section 8: Object Oriented Programming (0 / 9 | 1hr 21min)
- Section 9: Modules and Packages (0 / 3 | 29min)
- Section 10: Errors and Exceptions Handling (0 / 5 | 45min)
- Section 11: Milestone Project - 2 (0 / 24 | 48min)

The today's topic is about Comparison Operators in Python

Coding Challenges Details: (Attach the snapshot and briefly write the report for the same)

```
3 The given array is : 0 3 6 9 12 14 18 20 22 25 27
4 Enter the Position N from where you want to rotate: 4
5 From 4th position the values of the array are : 12 14 18 20 22 25 27
6 Before 4th position the values of the array are : 0 3 6 9
7 After rotating from 4th position the array is:
8 12 14 18 20 22 25 27 0 3 6 9
9
10
11 */
12 #include <stdio.h>
13 void shiftArr1Pos(int *arr1, int arrSize)
14 {
15     int i, temp;
16     temp = arr1[0];
17     for(i = 0; i < arrSize-1; i++)
18     {
19         arr1[i] = arr1[i+1];
20     }
21     arr1[i] = temp;
22 }
23 void arr1Rotate(int *arr1, int arrSize, int rotFrom)
24 {
25     int i;
26     for(i = 0; i < rotFrom; i++)
27     {
28         shiftArr1Pos(arr1, arrSize);
29     }
30     return;
31 }
32 int main()
33 {
34     int arr1[] = {0,3,6,9,12,14,18,20,22,25,27};
35     int ctr = sizeof(arr1)/sizeof(arr1[0]);
36     int i;
37
38     printf("The given array is : ");
39     for(i = 0; i < ctr; i++)
40     {
41         printf("%d ", arr1[i]);
42     }
43     printf("\n");
44
45     int pos;
46     printf("Enter the Position N from where you want to rotate: ");
47     scanf("%d", &pos);
48
49     arr1Rotate(arr1, ctr, pos);
50
51     printf("From %dth position the values of the array are : ", pos);
52     for(i = pos; i < ctr; i++)
53     {
54         printf("%d ", arr1[i]);
55     }
56     printf("\n");
57
58     printf("Before %dth position the values of the array are : ", pos);
59     for(i = 0; i < pos; i++)
60     {
61         printf("%d ", arr1[i]);
62     }
63     printf("\n");
64
65     printf("After rotating from %dth position the array is:", pos);
66     for(i = 0; i < ctr; i++)
67     {
68         printf("%d ", arr1[i]);
69     }
70     printf("\n");
71 }
```

The question I took to code is: Write a program in C to rotate an array by N positions