

DAILY ONLINE ACTIVITIES SUMMARY

Date:	06-06-2020	Name:	Deepika K V
Sem & Sec	8 th sem 'A' sec	USN:	4AL16CS030
Online Test Summary			
Subject	IoT		
Max. Marks	30	Score	30
Certification Course Summary			
Course	Introduction to R		
Certificate Provider	Alison	Duration	4.5 hrs
Coding Challenges			
Problem Statement: Write a C program to rotate an array by position N.			
Status: SUBMITTED			
Uploaded the report in Github		YES	
If yes Repository name		Codes	
Uploaded the report in slack		YES	

Online test details:

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Test Completed!

You have successfully participated in IoT IA4.

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Results

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MCQ

Your Score **30** / 30

Certification Course Details:



Learner Achievement Verification

This is to certify that the management of Alison has decided to award Deepika K V living in India the certificate of completion in Introduction to R for Data Science.

Learner Details



Name: Deepika K V
E-mail: deepikakv225@gmail.com
Country: India



Course and Result



Score
95%
Study Time
4:15:10

Introduction to R for Data Science

This course begins by teaching you how to install Microsoft R Open on your computer. R is a programming language and software environment for statistical computing. With this course, you will learn that it was initially started as a research project before becoming a programming language and the most popular language for Data Science. You will also study the 5 basic data types as well as the data structures in R programming which include the vector, list, matrix, data frame, and array.

Modules Studied

Module 1: Module 1: Introduction to R
Module 2: Module 2: Enzo Unified and Data Aggregation
Module 3: Module 3: Introduction to R for Data Science Assessment

Coding Challenge:

```
#include
<stdio.h>

void shiftArr1Pos(int *arr1, int arrSize)
{
    int i, temp;
    temp = arr1[0];
    for(i = 0; i < arrSize-1; i++)
    {
        arr1[i] = arr1[i+1];
    }
    arr1[i] = temp;
}

void arr1Rotate(int *arr1, int arrSize, int rotFrom)
{
    int i;
    for(i = 0; i < rotFrom; i++)
    {
        shiftArr1Pos(arr1, arrSize);
    }
    return;
}

int main()
{
    int arr1[] = {0,3,6,9,12,14,18,20,22,25,27};
    int ctr = sizeof(arr1)/sizeof(arr1[0]);
    int i, n;

    //----- print original array -----
    printf("The given array is : ");
    for(i = 0; i < ctr; i++)
    {
        printf("%d ", arr1[i]);
    }
    printf("\n");

    printf("Enter the Position N from where you want to rotate: ");
    scanf("%d", &n);
```

```

//----- print the values from 4th position -----
    printf("From 4th position the values of the array are : ");
    for(i = n; i < ctr; i++)
    {
        printf("%d ", arr1[i]);
    }
    printf("\n");
//----- print the values before 4th position -----
    printf("Before 4th position the values of the array are : ");
    for(i = 0; i < n; i++)
    {
        printf("%d ", arr1[i]);
    }
    printf("\n");
//----- after rotating the array -----
arr1Rotate(arr1, ctr, n);
    printf("\nAfter rotating from 4th position the array is: \n");
    for(i = 0; i<ctr; i++)
    {
        printf("%d ", arr1[i]);
    }
    return 0;
}

```