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# THE JOY OF CODING

October 21-29, 2021

V Semester Students

## Takeaways

- Hands on Experience with alternate solutions,
- e-certificate with grades printed on it

## DAY – 1

The objective of Day- 1 through Day -3 is to explore the

- array manipulations

### Instructions and Guidelines

Students are strictly advised to

- type the code and analyze the working of each statement.
- try all the questions given for the day
- upload the source code and sample output into a folder specified by their mentor
- upload the files to their github account

### Question 1

**No twins pls !!!:** Mr. Chitti, a robot is assigned a job of reporting to his boss Dr. Vaseegaran about the existence of twins in a group. Chitti's job is just to report whether the group is distinct or not. Even if one duplicate is present then the group is not unique. Help Mr. Chitti to report.

**Input:** an array of integers

**output:** Array distinct / Array not distinct

**Example:** Consider the following array. The array is not distinct as 10 is duplicated.



### Question 2

**Fequency.** After seeing the efficiency of Chitti, Dr. Vaseegaran assigns another job to him. The new responsibility is to count the frequency of numbers present in a group of numbers. The answer should be tabulated. Consider the following example. The expected output for the given set if numbers is



2's: 1

6's: 1

10's: 3

14's: 2

18's: 1

and so on ...

❖ **Happy Coding** ❖