**ADARSHA INTERNSHIP (27/09/2021)**

**SESSION**

* Introduction about myself
* My Experience and Journey
* General discussion with students
* Introduction to Competitive programming(different platform)

C++ Basics

1. Hello World->variables->datatypes
2. Input output
3. calculator
4. Function calls
5. Arrays and loops
6. 2D array
7. Strings

* Actual Programs(solve some basic problems to make core concepts clear)

1. Sum of Array elements
2. Array element are same
3. Smallest/largest and Product of array elements
4. Reverse an Array
5. Pass by Reference and Pass by Value
6. **Guessing Number Game**

If time permits

1. Sum of integers
2. Reverse integers
3. Array duplicates
4. Anagrams