

**Studypods report**

* **MEMBERS – 1.KHUSHI PUROHIT**

**2. KHUSHI BANSAL**

**3.KHUSHBU BIJAWAT**

**4.KARISHMA SHARMA**

**5.APARNA JAIN**

* **POD NO.- SP0204**
* **DOMAIN – C/C++/DSA**
* **MENTOR – HARSHITA SHARMA(2nd year)**
* **PROJEJCT NAME –**

**1.TIC TAC TOE**

**2.MATCHSTICK GAME**

**3.FORTUNE TRIO**

**4.KAUN BANEGA BOLLYWOOD STAR**

**5.FIND THE MYSTERY NUMBER**

**6.DICE ROLLER GAME**

* **TEAM MEMBER’S WORK**
* **C COMPLETED**
* **SOURCE – BIJYALAXMI MA’AM, CODE WITH HARRY, GFG, MYSIRG.COM, NESO ACDEMY.**
* **QUESTION PRATICE – LET US C HACKERRANK, CODESHEF, MYSIRG.COM**

In StudyPods 2.0 we started with C language.

Covered basics of C-

* Basics of C, operators, conditional statements, Loops and switch case statement.
* Storage Classes in C- auto, extern, static, register.
* Functions and Recursions.
* Arrays, Introduction to Multidimensional Arrays.
* Introduction to Pointers, Call by Value and Call by Reference.
* Pointers and arrays, passing array to a function, pointers with 2-D array, pointer to an array, array of pointers.
* Strings, String library, 2-D array and strings.
* Structures, Union, Enum
* Static and Dynamic Memory allocation.
* Malloc, calloc etc. functions.

Covered Basics of C++ -

We got started with C++

We practiced questions from Let us C book to clear our fundamentals.

We got introduced with competitive programming by our mentor Harshita Sharma boss.

Begun practising questions from platforms like-Codechef, HackerRank.

On hackerRank, we practiced questions in C and earned decent number of stars in it.

And in codechef ,we began with solving practice questions to get familiar with its environment. And after that we participated in some of its monthly contests like starters, cook offs, lunchtime, long challenge.

And became 2 star coders on codechef (which was a very good feeling).

* **INDIVIDUAL CONTRIBUTION**
* **KHUSHI PUROHIT – MYSTERY NUMBER GAME**
* **KHUSHI BANSAL – DICE ROLLER GAME**
* **KHUSHBU BIJAWAT – MATCHSTICK GAME**
* **KARISHMA SHARMA – FORTUNE TRIO**
* **APARNA JAIN – KAUN BNEGA BOLLYWOOD STAR**
* **KHUSHI PUROHIT**
* **C completed**

**Source – Teqip faculty, Neso academy, mysirg.com**

**Question practice- let us C book , hackerRank, codechef,mysirg.com**

* **C++**

**Source- code with harry**

**Completed till functions in Cpp**

* **On hackerRank**

**I have Earned 3 stars in C And**

* **In codechef I have done 9 questions in practice and I participated in following contests-**

**In July Cook Off challenge I have done 1question ,**

**In July Lunchtime-1 question ,**

**In August long challenge-5 questions,**

**In codechef starters 9- 3 questions and**

**In codechef starters 10- 2 questios.**

* **KHUSHI BANSAL**
* **C completed**

**Source - Let us C book, Neso academy, mysirg.com**

**Question practice- let us c, hackerRank, codechef, mysirg.com**

* **C++**

**Source- code with harry**

**Completed till functions in Cpp**

* **On hackerrank**

**I have Earned 4 stars**

**And in codechef following contests-**

**In practice - 4 questions**

**Cook off July - 1question**

**Lunch time july -1 question**

**August long-3 questions**

**codechef starters 9- 2 questions**

**Cook Off August- 1 question**

**codechef starters 10- 2 questios.**

* **Karishma sharma**

**1. C completed**

**• Source- Neso academy,bijyalaxmi ma'am .**

**• Question practice - let us C ,hackerRank (3 star )**

**2. C++ (currently doing)**

**• Source - code with harry**

**completed till functions**

**• Question practice - hackerRank( 3star )**

**3 . Contests participated (codechef)**

**• Practice -1 question**

**• Cook off July- 1 question**

**• August long challenge-3 questions**

**codechef starters 9- 2 questios**

**codechef starters 10- 2 questions**

* **APARNA JAIN**

**C completed**

**Source - Bijayalaxmi ma’ma, Code with harry and let us C**

**Question practice - let us c book ,some questions given by our teacher , javatpoint google site, hackerRank (3 STAR)**

* **Khushbu bijawat**

**Source - bijyalaxmi mam, code with harry, gfg**

**Questions practice – hackerRank, gfg**

**Hackerrank (2star)**

**Codeshef**

**Practice – 3 questions**

**Cook off july – 2 questions**

**Current - cpp till function.**

**Source – code with harry , gfgs**