**Intel College Excellence Program   
Project Synopsis**

**“Number Guessing Game”**

|  |  |  |  |
| --- | --- | --- | --- |
| **Team member’s detail** | | | |
| **S.No.** | **Participant Name** | **Mobile No.** | **Email ID** |
| 1 | Manas Ranjan Nayak | 8144962930 | ***manasnayak11987@gmail.com*** |
| 2 |  |  |  |
| 3 |  |  |  |
| **Faculty(college) mentor detail** | | | |
| **S.No.** | **Mentor Name** | **Mobile No.** | **Email ID** |
|  |  |  |  |
| **College/University Name** | | | |
| ***Lovely Professional University*** | | | |

**DESCRIPTION**

The project name is ‘Number GuessingGame’. In the project, we have to input a range, then the program picks a random number within the given range, then we have to guess the number.

If the guessed number matches with the random number, it displays “Wow You are Right”.

If the guessed number doesn’t match with the random number, it displays “Opps! The number is ‘the correct number’ “.

Here we have used if statement in the project.

**ALGORITHM**

STEP 1: START

STEP 2: Take input of ‘Range’, ‘Guessed number’.

STEP 3: Generate a ‘Random number’ within the given range.

STEP 4: If the ‘Guessed number == Random number’, display “Wow You are Right”.

STEP 5: If the ‘Guessed number ≠ Random number’, display “Opps! The number is ‘the correct

number’ “.

STEP 6: STOP

**Flowchart**

Input the range.

Input the guess number

If guess is correct

Display “Wow,

You are Right”

If guess is incorrect

Display “Opps! The number is ‘the correct number’ “.