**C PROJECT**

**Name : R. Kavipriya**

**Department : EIE**

**Reg. No : 111716107023**

**Title : “ HAND CRICKET ”**

**Project description :**

**Everyone likes to play and watch cricket.Here is the awesome code to play.Two players as player1 and player2. Initially the toss decides which player have to bat and bowl. Until a player Won the toss Follow the Output and give whatever it asks you to give.**

**Then the Player who won the toss chooses either to Bat or to Bowl.**

**The Player who choose batting and bowling has to proceed by pressing enter Key one by one,where System will generate Random number as runs for both players.Player 1 runs keeps on adding until his runs equals to player 2 runs.**

**Finally When Player 1 is Out, then his runs are his final Score.The Same process will be Conducted for player 2.Finally whoever is having Highest Score is the Winner.**

**Header files used :**

* **#include<stdio.h>**
* **#include<string.h>**
* **#include<stdlib.h>**
* **#include<time.h> - this header file is used to manipulate the date and time.**

**Special functions used :**

* **srand() - this function generates random numbers for a specified value.**
* **Use of this function :**

**For Example: Player 1 Won the Toss And Chose Batting.Then When Player 1 Press Enter Key,A score will be generated for Player1.Suppose runs are 5 So Player 1 Score=5.Then Player 2 Also Presses Enter key.Then if he got a Score of 4.So Player 2 Score =4.**

**As Player 1 Score is not equal to player 2 Score Then Player 1 is not out and hi score will be 5 after 1st ball.In 2nd ball Player 1 got 3 runs and Player 2 got 4.Since again both are not equal.Player 1 Score=5+3=8.If in the 3rd Ball Player 1 got 4 runs and Player 2 also got 4 runs Then Player 1 Score is equal to Player 2's Score Then Player 1 is Out.Then Final Score of player 1 is 8 runs.The Same Process is done for Player 2.So Finaly who ever got more score is Winner.**