

Assignment 2: Student Number 19349633

The goal of this project was to create a domination game which can be played from command line in which there is a winner. The game can be played by entering numbers in to the command line and the board is printed every turn.

```
Please enter a name for Player 1.  
studunt1ucd  
Please enter a name for Player 2.  
student2nuig  
Player 1 name: studunt1ucd  
player 1 color: 0 (0 = red,1 = green)  
Player 2 name: student2nuig  
player 2 color: 1 (0 = red,1 = green)  
***** The Board *****  
| - | - |   |   |   |   | - | - |  
| - | R | R | G | G | R | R | - |  
|   | G | G | R | R | G | G |   |  
|   | R | R | G | G | R | R |   |  
|   | G | G | R | R | G | G |   |  
|   | R | R | G | G | R | R |   |  
| - | G | G | R | R | G | G | - |  
| - | - |   |   |   |   | - | - |
```

Players pick a name and are then shown their stats:

Turns consist of choosing

1.a square to move

2. if you want to move the entire stack or just one piece

3.where to move it to. (If this is bigger than 5 then you either capture a piece or add it to your reserves)

You win if the other player cannot make a move.

```

Successfully chosen a piece.
***** The Board *****
| - | - |   |   |   |   | - | - |
| - |   | R | G | G | G |   | - |
|   | G |   |   | G |   |   |   |
|   |   | G |   |   |   | G |   |
|   | G | G |   | G |   | G |   |
|   |   | G |   | G |   | G |   |
| - | G | G |   | G |   |   | - |
| - | - |   |   |   |   | - | - |
***** The Board *****
Player 1 turn:
Number of Pieces:18
Number of Pieces in Reserves:0
Number of Pieces Captured:0
Please enter the row of the piece you would like to move.(0 - 7)

```

Player has won!

```

Successfully chosen a piece.
***** The Board *****
| - | - |   |   |   |   | - | - |
| - |   |   |   |   | G |   | - |
|   |   |   |   |   |   |   |   |
|   |   | G |   |   |   | G |   |
|   | G | G |   | G |   | G |   |
|   |   | G |   | G |   | G |   |
| - | G | G |   | G |   |   | - |
| - | - |   |   |   |   | - | - |
***** The Board *****
Player 2:ahmed wins!
Process finished with exit code 0
|

```