# Muhammad Umar 05721

# Analysis:

Programmed was run for 100 times. Following are the analysis for different players.

## For 2 Players:

No. of players: 2

Minimum Rounds: 29

Maximum Rounds: 3571

Average Rounds: 669.31

### **Memory Report**

Total Memory Allotted to this page: 512 KBs

Out of that, the page consumes: 288.046875

## For 4 Players:

Minimum Rounds: 29

Maximum Rounds: 3571

Average Rounds: 673.95

### **Memory Report**

Total Memory Allotted to this page: 512 KBs

Out of that, the page consumes: 288.171875 KBs

## For Random number of players between 1-4:

Minimum Rounds: 46

Maximum Rounds: 3181

Average Rounds: 944.42

### **Memory Report**

Total Memory Allotted to this page: 512 KBs

Out of that, the page consumes: 289.34375 KBs

# Graphs:

## Tabular Comparison:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Min Rounds | Max Rounds | Average Rounds | Total Memory Allotted | Total Memory Used |
| No. of Players: 2 | 29 | 3571 | 669.31 | 512 | 288.0469 |
| No. of Players: 4 | 29 | 3571 | 673.95 | 512 | 288.1719 |
| No. of Players: Random | 46 | 3181 | 944.42 | 512 | 289.3438 |