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Loading data and initializing data structures  
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Usage: use a single letter command to play the game  
h - help, show this command list  
e - do exercise by oneself  
c - change game difficulty level  
q - quit the game  
p - participate competition  
s - show my score in descending order  
l - show my place in all gamers  
r - show regional top three in descending order  
a - check my qualification of attending national arena  
n - show national competitors  
P - participate national competition  
w - print national winners  
single letter command: █

single letter command: r  
Available regions for competition:  
1) South  
2) Northeast  
3) Midwest  
4) West  
Please select a region: 1

===== The Top 3 of region SOUTH =====

ID	Name	Season	Level	Times	Seconds	Score
666666666	George	Fall	3	5	30	200.00
555555555	Pence	Fall	3	10	30	100.00
333333333	Joe	Fall	1	5	21	95.24

single letter command: █

single letter command: a  
Please enter your UNIQUE 9 digit Player ID: 123456789  
  
You have not participated in any regional arenas yet!  
Please participate in regional arenas first  
Good Luck!

single letter command: a  
Please enter your UNIQUE 9 digit Player ID: 111111111  
  
Dear Trump, you competed in 3 regions so you are disqualified!  
Below are your records:

Region	Season	Level	Times	Seconds	Score
NORTHEAST	Summer	1	5	30	66.67
WEST	Spring	1	6	30	55.56
SOUTH	Fall	3	20	30	50.00

single letter command: a  
Please enter your UNIQUE 9 digit Player ID: 123456781

Congratulations! Reagan, you are qualified to attend the national arena!  
===== Your place in region MIDWEST: =====

ID	Name	Region	Season	Level	Times	Seconds	Score
999999999	Bush	MIDWEST	Summer	1	3	20	166.67
123456781	Reagan	MIDWEST	Spring	2	10	15	133.33
222222222	Biden	MIDWEST	Summer	1	5	21	95.24

single letter command: a  
Please enter your UNIQUE 9 digit Player ID: 123456784

Unfortunately you are not in the top three for your region, and have not qualified for the national arena

single letter command: █

```
single letter command: n

===== The Top 3 of region SOUTH =====
-----
ID      Name      Season  Level  Times  Seconds  Score
-----
666666666 George  Fall    3      5      30      200.00
555555555 Pence   Fall    3      10     30      100.00
333333333 Joe     Fall    1      5      21      95.24
-----

===== The Top 3 of region NORTHEAST =====
-----
ID      Name      Season  Level  Times  Seconds  Score
-----
123456783 Ford    Fall    3      20     13      115.38
123456782 Nixon   Summer  2      10     18      111.11
111111111 Trump   Summer  1      5      30      66.67
-----

===== The Top 3 of region MIDWEST =====
-----
ID      Name      Season  Level  Times  Seconds  Score
-----
999999999 Bush    Summer  1      3      20      166.67
123456781 Reagan  Spring  2      10     15      133.33
222222222 Biden   Summer  1      5      21      95.24
-----

===== The Top 3 of region WEST =====
-----
ID      Name      Season  Level  Times  Seconds  Score
-----
333333333 Joe     Summer  1      3      8       416.67
888888888 Obama   Fall    2      20     16      62.50
444444444 Clinton Summer  1      6      30      55.56
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single letter command: █
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```
single letter command: P
Please enter your UNIQUE 9 digit Player ID: 123456789

You have not participated in any regional arenas yet!
Please participate in regional arenas first
Good Luck!


single letter command: P
Please enter your UNIQUE 9 digit Player ID: 123456781

Hello Reagan, you may only participate once in the national arena

single letter command: P
Please enter your UNIQUE 9 digit Player ID: 123456784

Unfortunately you are not in the top three for your region, and have not qualified for the national arena
single letter command: █
```

```
single letter command: P
Please enter your UNIQUE 9 digit Player ID: 123456789



=== Current Difficulty Level : 1 ===
guess a number between 1 to 10000

Your guess: 5000
too small
Your guess: 7500
too small
Your guess: 1000
too small
Your guess: 9000
too small
Your guess: 9900
too large
Your guess: 9500
too large
Your guess: 9300
too small
Your guess: 9400
too small
Your guess: 9450
too small
Your guess: 9490
too small
Your guess: 9500
too large
Your guess: 9495
too small
Your guess: 9497
too small
Congratulation! You get it!
You used 67 seconds, tried 13 times, and scored 11.48105625717566016073
single letter command: █
```

```
single letter command: w
*****National Winners*****
Name      Region      Score Medal
Clinton   WEST          48.70 Gold
Biden     MIDWEST       28.09 Silver
Nixon     NORTHEAST     25.21 Silver
Reagan    MIDWEST       22.17 Bronze
Bush      MIDWEST       19.23 Bronze
Joe       SOUTH         16.81 Bronze
*****
single letter command: █
```