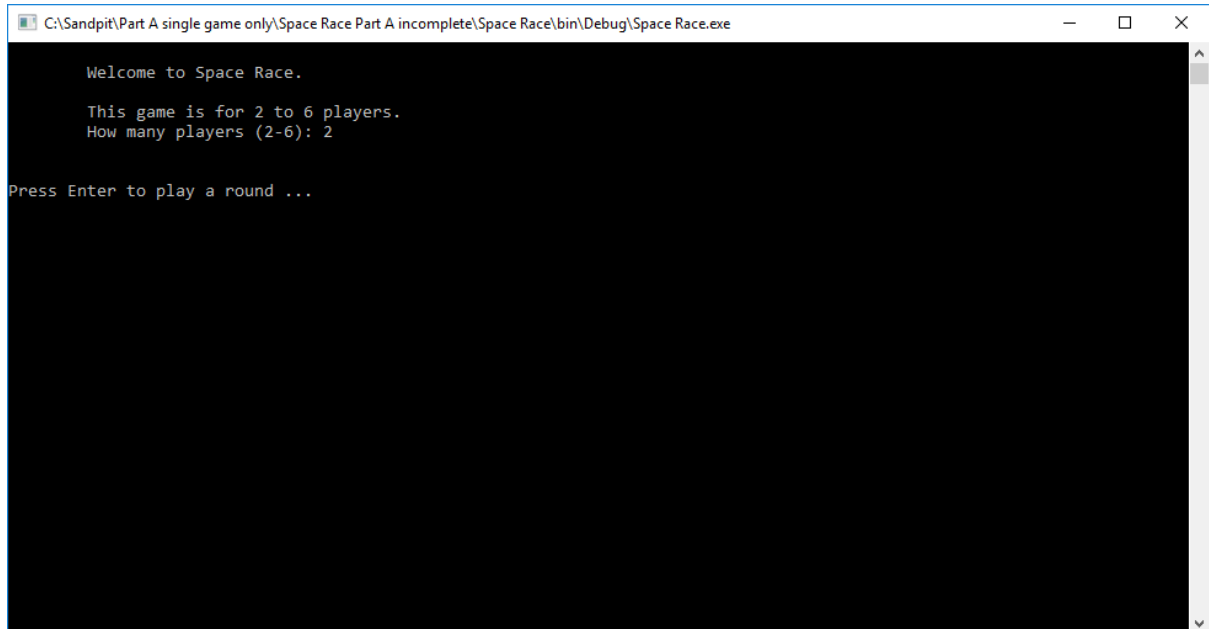


## Screenshots of Console Play

The following screenshots show various aspect of the gameplay of Space Race. In all case the hard-coded players' names are used. No attempt has been made to show all possible user interactions.



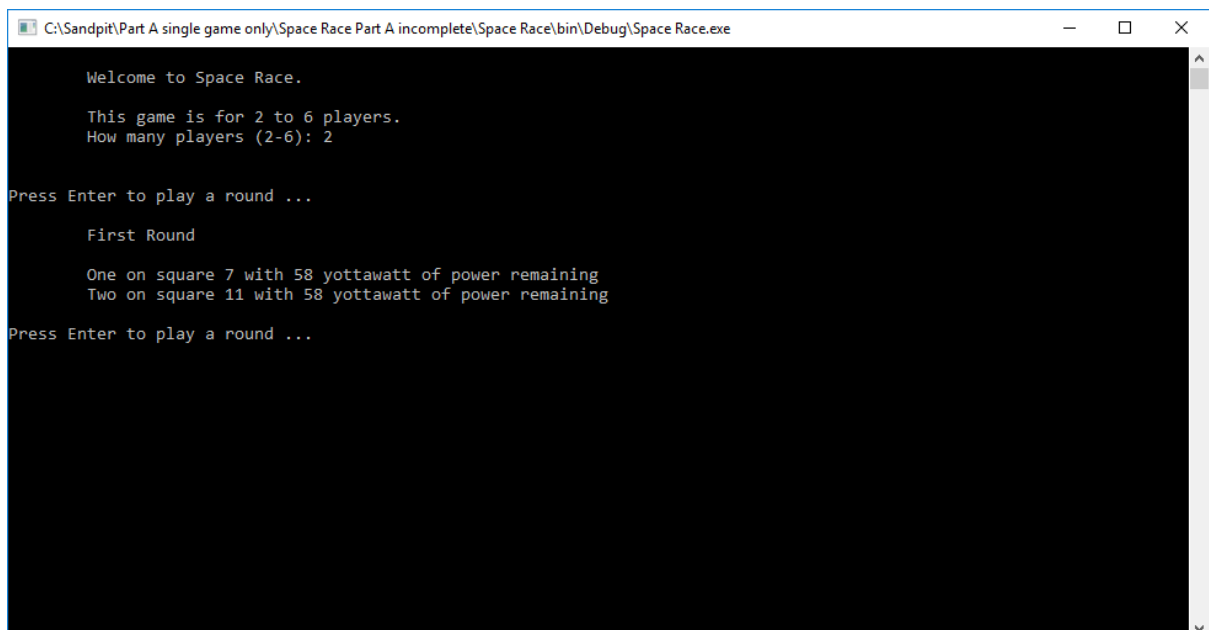
```
C:\Sandpit\Part A single game only\Space Race Part A incomplete\Space Race\bin\Debug\Space Race.exe

Welcome to Space Race.

This game is for 2 to 6 players.
How many players (2-6): 2

Press Enter to play a round ...
```

### Two player game begins



```
C:\Sandpit\Part A single game only\Space Race Part A incomplete\Space Race\bin\Debug\Space Race.exe

Welcome to Space Race.

This game is for 2 to 6 players.
How many players (2-6): 2

Press Enter to play a round ...

First Round

One on square 7 with 58 yottawatt of power remaining
Two on square 11 with 58 yottawatt of power remaining

Press Enter to play a round ...
```

User has pressed Enter and the position and amount fuel remaining for each player is displayed at the end of the first round.

```
C:\Sandpit\Part A single game only\Space Race Part A incomplete\Space Race\bin\Debug\Space Race.exe

Welcome to Space Race.

This game is for 2 to 6 players.
How many players (2-6): 2

Press Enter to play a round ...

First Round

One on square 7 with 58 yottawatt of power remaining
Two on square 11 with 58 yottawatt of power remaining

Press Enter to play a round ...

Next Round

One on square 47 with 43 yottawatt of power remaining
Two on square 20 with 56 yottawatt of power remaining

Press Enter to play a round ...

Next Round

One on square 51 with 41 yottawatt of power remaining
Two on square 19 with 45 yottawatt of power remaining

Press Enter to play a round ...
```

On the third round, Player Two ended up on square 19 with only 45 yottawatts of power having been on square 20 the previous round with 56 yottawatts of power. On that third round Player Two threw a total of 9 and landed on square 30 which is a Blackhole Square (see declaration in Board.CS {30, 19, 11} ) so landed on square 19 and consumed 11 yottawatts of power

```
C:\Sandpit\Part A single game only\Space Race Part A incomplete\Space Race\bin\Debug\Space Race.exe

Two on square 20 with 56 yottawatt of power remaining

Press Enter to play a round ...

Next Round

One on square 51 with 41 yottawatt of power remaining
Two on square 19 with 45 yottawatt of power remaining

Press Enter to play a round ...

Next Round

One on square 55 with 39 yottawatt of power remaining
Two on square 28 with 43 yottawatt of power remaining

The following player(s) finished the game

One

Individual players finished with the at the locations specified.

One with 39 yattowatt of power at square 55
Two with 43 yattowatt of power at square 28

Press Enter key to continue ...
```

All other moves in this game for both players resulting in landing on Ordinary Squares so power was decreased by a constant 2 yottawatts of power on each turn. Player One reached the Finish square and then details of all players are displayed at the end of a game.

```
C:\Sandpit\Part A single game only\Space Race Part A incomplete\Space Race\bin\Debug\Space Race.exe

Welcome to Space Race.

This game is for 2 to 6 players.
How many players (2-6): 6

Press Enter to play a round ...

First Round

One on square 7 with 58 yottawatt of power remaining
Two on square 11 with 58 yottawatt of power remaining
Three on square 9 with 58 yottawatt of power remaining
Four on square 9 with 58 yottawatt of power remaining
Five on square 4 with 58 yottawatt of power remaining
Six on square 4 with 54 yottawatt of power remaining

Press Enter to play a round ...
```

## Six player game begins

```
C:\Sandpit\Part A single game only\Space Race Part A incomplete\Space Race\bin\Debug\Space Race.exe

One on square 42 with 50 yottawatt of power remaining
Two on square 33 with 41 yottawatt of power remaining
Three on square 51 with 47 yottawatt of power remaining
Four on square 14 with 34 yottawatt of power remaining
Five on square 32 with 50 yottawatt of power remaining
Six on square 55 with 22 yottawatt of power remaining

The following player(s) finished the game

Six

Individual players finished with the at the locations specified.

One with 50 yottawatt of power at square 42
Two with 41 yottawatt of power at square 33
Three with 47 yottawatt of power at square 51
Four with 34 yottawatt of power at square 14
Five with 50 yottawatt of power at square 32
Six with 22 yottawatt of power at square 55

Press Enter key to continue ...
```

## Six player game finishes

```
C:\Sandpit\Part A single game only\Space Race Part A incomplete\Space Race\bin\Debug\Space Race.exe

Welcome to Space Race.

This game is for 2 to 6 players.
How many players (2-6): 1
Error: invalid number of players entered.

This game is for 2 to 6 players.
How many players (2-6): 7
Error: invalid number of players entered.

This game is for 2 to 6 players.
How many players (2-6): 3

Press Enter to play a round ...

First Round

One on square 7 with 58 yottawatt of power remaining
Two on square 11 with 58 yottawatt of power remaining
Three on square 9 with 58 yottawatt of power remaining

Press Enter to play a round ...
```

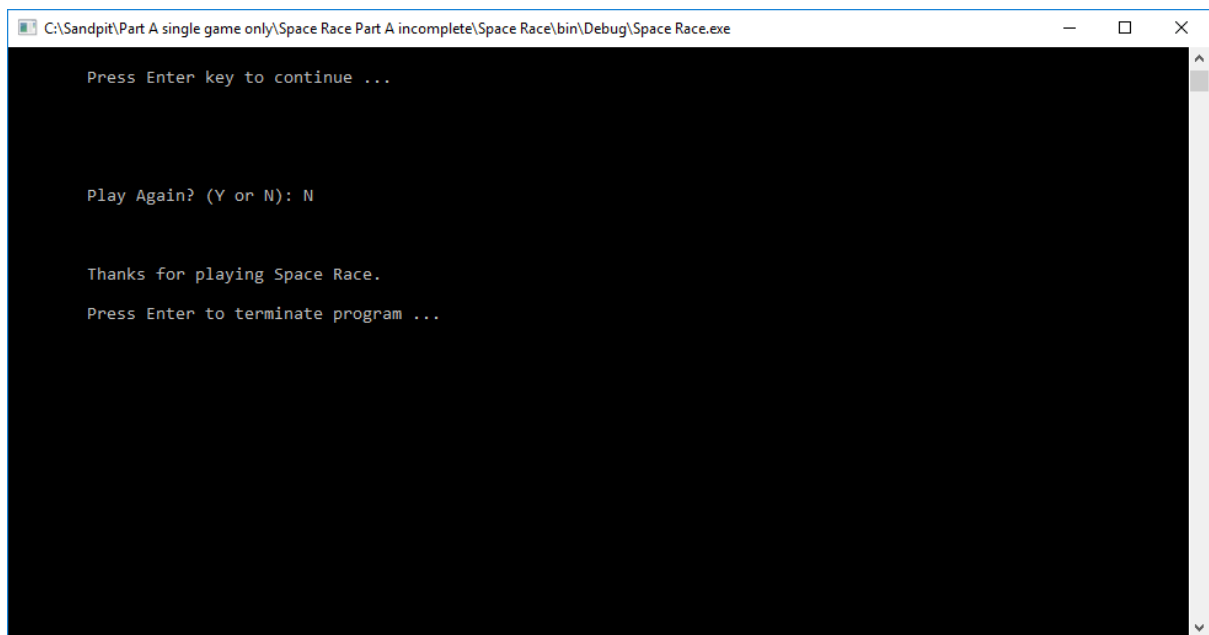
User enters incorrect number of players twice before entering a valid number “3”

```
C:\Sandpit\Part A single game only\Space Race Part A incomplete\Space Race\bin\Debug\Space Race.exe

Press Enter key to continue ...

Play Again? (Y or N): Y
This game is for 2 to 6 players.
How many players (2-6):
```

User decides to play another game



**User decides not to play another game.**