Package 'SportsTour'

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Type Package

Title Display Tournament Fixtures using Knock Out and Round Robin
Techniques

Version 0.1.0

Description Use of Knock Out and Round Robin Techniques in preparing tournament fixtures as discussed in the Book Health and Physical Education by 'Dr. V K Sharma'(2018,ISBN:978-93-5272-134-4).

License GPL

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NeedsCompilation no

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Repository CRAN

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knock_out_fixture   *Displays fixture for the tournament when number of teams is not exactly power of two using the "Bye" method*

Description

Displays fixture for the tournament when number of teams is not exactly power of two using the "Bye" method

Usage

```
knock_out_fixture(number_of_teams)
```

Arguments

```
number_of_teams
```
> input numeric

Value

```
text
```
Displays fixture for the tournament along with other necessary details such as number of matches, number of rounds, number of byes etc.

Examples

```
number_of_teams=4
knock_out_fixture(number_of_teams)
```

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knock_out_two	*Displays fixture for the tournament when number of teams is power of two*

Description

Displays fixture for the tournament when number of teams is power of two

Usage

```
knock_out_two(number_of_teams)
```

Arguments

```
number_of_teams
```
> input numeric

Value

```
text
```
Displays fixture for the tournament

Examples

```
number_of_teams=4
knock_out_two(number_of_teams)
```

round_robin_fixture *Displays fixture for the tournament for a given number of team using "staircase" or "cyclic" method*

Description

Displays fixture for the tournament for a given number of team using "staircase" or "cyclic" method

Usage

```
round_robin_fixture(number_of_teams,method)
```

Arguments

number_of_teams

numeric

method   method for setting fixture "staircase" for staircase method and "cyclic" for cyclic method

Value

text   Displays fixture for the tournament

Examples

```
number_of_teams=4
round_robin_fixture(number_of_teams,method="staircase")
```

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