Question 4

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Import the required modules:

```
In [34]: import pandas as pd
import matplotlib.pyplot as plt
from datetime import date
```

Load the data:

```
In [35]: laliga_matches = pd.read_csv('LaLiga_Matches_1995-2021.csv')
```

Count the number of matches that has took place on Friday 13th, and also number of matches among those, in which home team won the match:

```
In [36]: matches_on_friday_13th = 0
matches_on_friday_13th_that_home_wins = 0
```

To find out whether a certain day was Friday, use Python datetime.date module, which was previously imported:

```
In [37]: for index, row in laliga_matches.iterrows():
    match_date_string = row['Date']
    result = row['FTR']

match_day, match_month, match_year = map(int, match_date_string.splimatch_date = date(match_year, match_month, match_day)

if match_date.weekday() == 4 and match_date.day == 13:
    matches_on_friday_13th += 1
    if result == 'H':
        matches_on_friday_13th_that_home_wins += 1
```

Dividing counted numbers should yield probablity of winning the match for home teams:

```
In [38]: print(f"{(matches_on_friday_13th_that_home_wins / matches_on_friday_13th_
25.0%
```

which shows that Friday 13th has been indeed unlucky for home teams!