```
In [6]:    1  import pandas as pd
           2  import matplotlib.pyplot as plt
           3  import seaborn as sns
           4  %matplotlib inline
           5  import os
           6  print(os.getcwd())
```

```
C:\Users\spark\data science projects
```

```
In [7]:    1  #Columns: Release date, Number of hours viewed, Name of the show
```

```
In [8]:    1  data = {'Title':['You(Season 2)','You(Season 3)', 'Maid', '13 Reasons Why (Season 1)', ' 13 Reasons Why (Season 2)',
           2              'The Witcher', 'Stranger Thing 3', 'Money Heist','Bridgerton', 'Squigame'],
           3      'Number of hours watched':[457, 468, 469,476,496,76,67,65,82,142    ],
           4      'Release date':[2019,2021,2021, 2017,2018, 2019,2019,2020,2020,2021 ]}
           5  #The following data is from
           6  #https://www.complex.com/pop-culture/most-watched-netflix-shows-right-now/squid-game-season-1
```
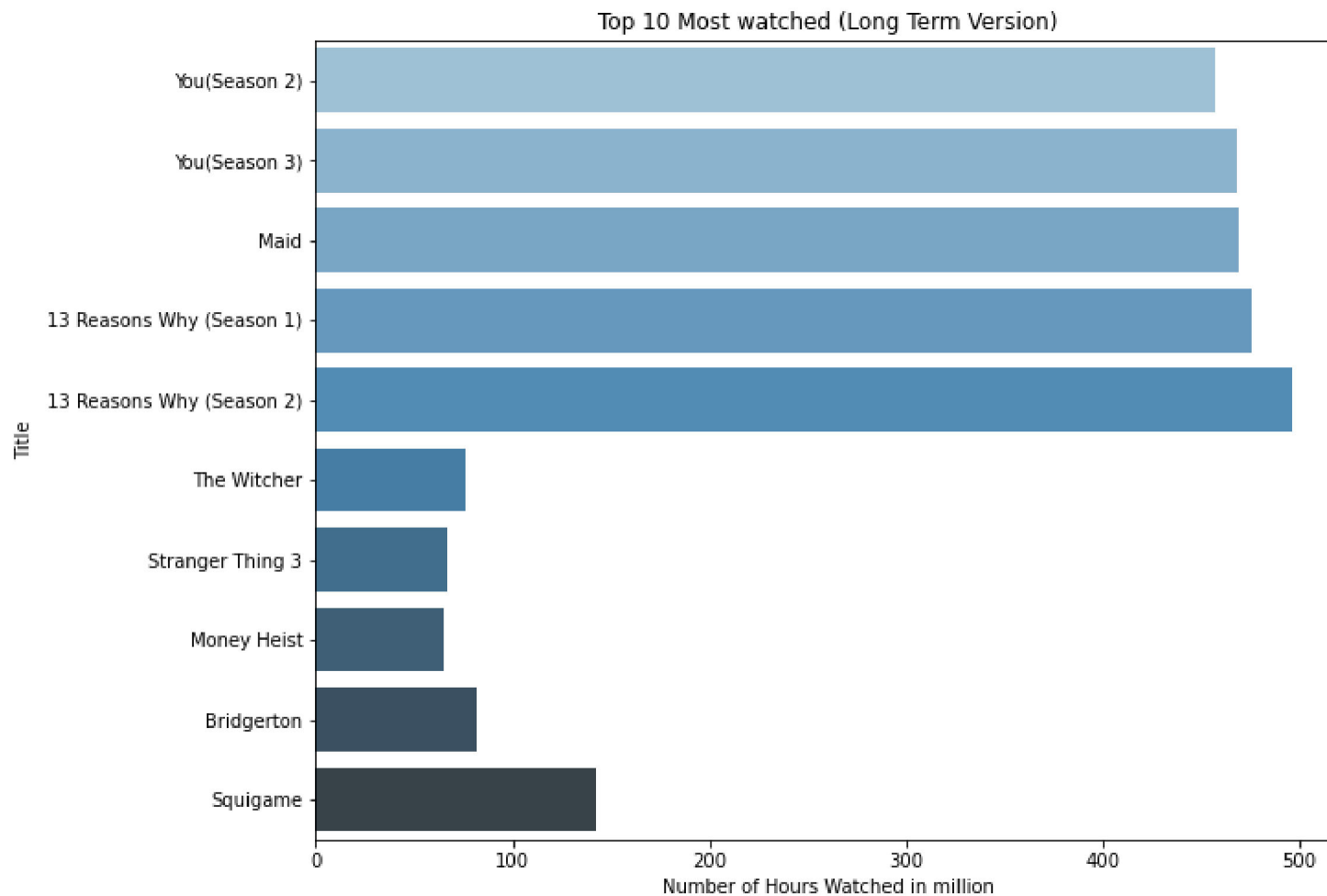
```
In [9]:    1  data
```

```
Out[9]: {'Title': ['You(Season 2)',
         'You(Season 3)',
         'Maid',
         '13 Reasons Why (Season 1)',
         ' 13 Reasons Why (Season 2)',
         'The Witcher',
         'Stranger Thing 3',
         'Money Heist',
         'Bridgerton',
         'Squigame'],
        'Number of hours watched': [457, 468, 469, 476, 496, 76, 67, 65, 82, 142],
        'Release date': [2019, 2021, 2021, 2017, 2018, 2019, 2019, 2020, 2020, 2021]}
```

```
In [10]:   1  df = pd.DataFrame(data)
```

In [11]:
```python
os.chdir('C:\\Users\\spark\\Desktop\\Indesign Print')
```

In [14]:
```python
plt.figure(figsize=(10,8))
ax = sns.barplot(x="Number of hours watched", y="Title", data=df,
                 palette="Blues_d")
plt.title("Top 10 Most watched (Long Term Version)")
plt.xlabel("Number of Hours Watched in million")
plt.savefig('test3.png',bbox_inches = 'tight', dpi= 200);
```

```
In [15]:    1  data2 = {'Title':['Squid Game', 'Money Heist: Part4',
            2                    'Money Heist:Part3', 'Money Heist: Part 5' ,'Lupin :Part1',
            3                    'Elite:Part 1','Who Killed Sara?Season 1','Ellite:Season 4',
            4                    'Lupin: Part2', 'Dark Desire: Season1', 'Bridgerton: Season 1',
            5                    'Stranger Thing3', 'The Witcher: Season1','13 Reasons Why Season 2',
            6                    '13 Reasons why:Season1', 'Maid:Limited Series', 'You:Season 3',
            7                    'You:Season2','Stranger Things 2','Sex Education: Season 3'],
            8          'Number of hours watched': [1600, 619, 426,
            9                                      395,317,275,
           10                                      266,257,214,
           11                                      214,625,582,
           12                                      541,496,476,
           13                                      469,468,457,
           14                                      427,419]}
           15  #The following data is from
           16  #https://variety.com/2021/digital/news/squid-game-all-time-most-popular-show-netflix-1235113196/
```

```
In [17]:    1  df2 = pd.DataFrame(data2)
```

```
In [18]:    1  df2 = df2.sort_values("Number of hours watched", ascending = False)
```

In [20]:
```python
plt.figure(figsize=(10,8))
ax = sns.barplot(x="Number of hours watched", y="Title", data=df2,
                 palette="rocket")
plt.title("Most watched TV shows on Netflix for the first 28 days of release (Short Term Version)")
plt.xlabel("Number of Hours Watched")
plt.savefig('test4.png',bbox_inches = 'tight', dpi= 200);
```

Most watched TV shows on Netflix for the first 28 days of release (Short Term Version)