In [1]:

```
import pandas as pd
import matplotlib.pyplot as plt
```

In [7]:

```
week1 = pd.read_csv(r"C:\Users\daksh\Desktop\SMA Tweets\week1.csv")
week2 = pd.read_csv(r"C:\Users\daksh\Desktop\SMA Tweets\week2.csv")
week3 = pd.read_csv(r"C:\Users\daksh\Desktop\SMA Tweets\week3.csv")
week4 = pd.read_csv(r"C:\Users\daksh\Desktop\SMA Tweets\week4.csv")
# print(week1.columns)
# fig = plt.figure(figsize=(10,5))
figure, axis = plt.subplots(4, figsize=(18,10))
figure.tight_layout(pad=5.0)
# axis.update(wspace=0.5, hspace=0.5)
axis[0].bar(week1['word'], week1['count'], color='blue', width=0.2)
# axis[0].x_label('Trending Hashtags')
# axis[0].y_label('No. of times used')
axis[0].set_title('Week 1 (24/02/2022 - 27/02/2022)')


axis[1].bar(week2['word'], week2['count'], color='red', width=0.2)
# axis[1].x_label('Trending Hashtags')
# axis[1].y_label('No. of times used')
axis[1].set_title('Week 2 (28/02/2022 - 06/03/2022)')


axis[2].bar(week3['word'], week3['count'], color='green', width=0.2)
# axis._label('Trending Hashtags')
# axis[2].y_label('No. of times used')
axis[2].set_title('Week 3 (07/03/2022 - 13/03/2022)')

axis[3].bar(week4['word'], week4['count'], color='yellow', width=0.2)
# axis._label('Trending Hashtags')
# axis[2].y_label('No. of times used')
axis[3].set_title('Week 4 (14/03/2022 - 21/03/2022)')

plt.show()
```