```
import pandas as pd
def main():
   drivers_df = pd.read_csv('drivers.csv')
   results_df = pd.read_csv('results.csv')
   winners_df = results_df[results_df['position'] == 1]
   winners_with_info = pd.merge(
      winners_df,
      drivers_df[['driverId', 'nationality']],
      on='driverId'
   winners_by_country = winners_with_info.groupby('nationality')['driverId'].nunique()
   top_10_countries = winners_by_country.sort_values(ascending=False).head(10)
   print("\nTop 10 countries with most race winners in F1 history:")
   for country, count in top_10_countries.items():
      print(f"{country}: {count} winners")
if __name__ == "__main__":
   main()
seng265@lab-05$ python lab5.py
Top 10 countries with most race winners in F1 history:
British: 19 winners
American: 15 winners
Italian: 15 winners
French: 14 winners
German: 7 winners
Brazilian: 6 winners
Finnish: 5 winners
Australian: 4 winners
Austrian: 3 winne
Swedish: 3 winners
```

```
[tanujd@ugls15 lab-05]$ git add .
[tanujd@ugls15 lab-05]$ git commit -m "Lab 05 Submission"
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)
  (use "git restore --staged <file>..." to unstage)
       new file: drivers.csv
       new file: lab5.py
       new file: results.csv
[tanujd@ugls15 lab-05]$ git push
   'Policy IM7200: Responsible Use of Information Technology Services',
   http://www.uvic.ca/universitysecretary/assets/docs/policies/IM7200_6030_.pdf
   AND
   'Software Engineering Program Standards for Professional Behaviour',
   http://www.uvic.ca/engineering/assets/docs/professional-behaviour.pdf
   AND
   'Use of the Engineering Computer Data Network Infrastructure',
   http://www.uvic.ca/engineering/current/services/computing/index.php
Software Engineering Program Computer Support Group
                                                                      sengsys@uvic.ca
Enumerating objects: 9, done.
Counting objects: 100% (9/9), done.
Delta compression using up to 8 threads
Compressing objects: 100% (7/7), done.
Writing objects: 100% (7/7), 423.79 KiB | 3.68 MiB/s, done.
Total 7 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
To ssh://git.seng.uvic.ca/seng265/tanujd
```