Project Details

- Tables to be parsed and read (from year Olympics page)
    - **Medal table showing no. of medals won by countries**
    - (The link for the country in that Medal Table of the year (page will go to "<country> at the 2018 Winter Olympics"
    - Retrieve the page from that link and parse the table "Medalist"
    - From that page retrieve the link from the <sport name>
- Tables to be parsed and read (from sport Olympic page)
    - **Medal table showing total medals won by countries in that sport**
    - **Table "Number of <sports participants> by nation" for that sport**
        - Important links are <year> . These links go to pages for a particular sport a particular year e.g. Biathlon at the 2010 Winter Olympics
        - These pages again have the same "Medal Table" format to find number of gold, silver and bronze medals for countries that year in that sport.

Program details

Write a Program names "***WinterOlympics.py***". The Program should take following command line arguments.

Usage: WinterOlympics.py <*purpose*> -year <year> -country <countryname> -sport <sport name>

purpose : 1) --summaryfile OR 2) --graph OR 3) --summary

For example: *WinterOlympics --summary -year 2010 -sport "Ski jumping" -country Norway*

Expected Output: --summary and –summaryfile

Example: WinterOlympics --summary -year 2010 -sport “Ski jumping” -country Norway

2010 Norway Ski jumping

Summary: ***(gold, silver, bronze) / Total no of Ski jumpers from Norway in 2010***
Gold:
Name: <Name of the athlete> Event: <Name of the ski jumping event>

Silver
Name: <Name of the athlete> Event: <Name of the ski jumping event>

Bronze
Name: <Name of the athlete> Event: <Name of the ski jumping event>

If --summaryfile Print and write to a file