[Walmart.com](#) Results Text Scraper

Our Objective:
• Evaluate core functionality and exception handling
• Parsing (implementation of how you parse through the results)
• OOP
• Documentation

Questions about the assignment:
jobs.questions@brightedge.com

Expected Deliverables:
• Executable jar file
• Source Code
• Documentation

Design and build a robust text scraper that will connect to a page on **www.walmart.com** and return results about a given keyword. There are two queries that will be performed:

• **Query 1**: Total number of results Given a keyword, such as "digital camera", return the total number of results found.
• **Query 2**: Result Object Given a keyword (e.g. "digital cameras") and page number (e.g. "1"), return the results in a result object and then print results on screen. For each result, return the following information:
  ◦ Title/Product Name (e.g. "Samsung TL100 Digital Camera")
  ◦ Price of the product
• For "digital cameras", there should be either 16 or 32 results that are returned for page 1. (You can work with either number of results for the assignment)

How to run/execute the program:
• Encapsulate your assignment inside an executable jar (e.g. java -jar Assignment.jar ...)
• Handle the two queries above:
  ◦ **Query 1**: (requires a single argument) java -jar Assignment.jar <keyword> (e.g. java -jar Assignment.jar "baby strollers")
  ◦ **Query 2**: (requires two arguments) java -jar Assignment.jar <keyword> <page number> (e.g. java -jar Assignment.jar "baby strollers" 2)

FAQ:
Q: Can I use external libraries for HTML parsing? A: Yes, you can.