1. INDEX.HTML PAGE: APPEARANCE:
   1. Page Background: light gray
   2. Welcome banner at top (light green background w/oversize blue 1st letter)
   3. Tom & Ken picture on Deception Peak at top Right, overlaying banner
   4. “DarkBlue” thin border around page
   5. Two paragraphs of plain text on gray background, below banner, flowing around picture:
      1. Intro: “The intention... “
      2. Features: “One of the features… “
   6. Large all-cap “DarkBlue” underlined text: “WHAT YOU WILL SEE:”
   7. Paragraphs describing what the user can expect to find on the pages
   8. Selection buttons for map type and geolocation setting
   9. Disclaimers: “A number of the hikes… “
   10. Note: “Note: All of the links…” ; first sentence in italics
   11. Email feedback (light blue background)
2. INDEX.HTML PAGE: BEHAVIOR:
   1. The selection buttons (white background with “DarkBlue” text) will change background color when mouseover. Background color for geolocation: light green; Background color for no geolocation: “LightBlue”.
   2. The cursor style will change to “pointer” when mouseover.
   3. Clicking on a button will take you to the page indicated with geolocation as indicated.
3. MAP+TABLE PAGE: APPEARANCE:
   1. The user will see the google map of New Mexico, with markers indicating hike trailheads. There are three color markers corresponding to the following:
      1. Visitor Center of National Park or National Monument (green pin)
      2. Trailheads that overlap are spaced away from the common point (blue pins, see behaviors)
      3. Remaining hikes (red pin)
   2. Google map will have the following controls enabled:
      1. Map type drop-down (label: “Map”)
      2. Full screen control (upper right corner)
      3. Zoom panel (lower right corner)
      4. Distance scale (bottom)
   3. When zoom level sufficient (>10), additional graphics appear:
      1. Polylines connecting overlapping trailhead markers to common trailhead
      2. GPX hike tracks with directional arrows indicating path taken
   4. Below the map (scrolling most likely required), is a complete listing of all the marked hikes, in tabular form, listing attributes of interest and links to pages (see behaviors):
      1. Light yellow background with “GoldenRod” border
      2. The following information will appear:
         1. Locale (closest city to trailhead) [static]
         2. Hike/Trail Name [static]
         3. WOW Factor [static]
         4. Web Pg [checkmark link, cursor will change to “pointer” when mouseover]
         5. Length of hike round trip [static]
         6. Elevation Change during hike [static]
         7. Relative difficulty of hike [static]
         8. Exposure to sun during hike [static]
         9. Directions to the trailhead [link to google directions, cursor will change to “pointer” when mouseover
         10. Link to Flickr album containing hike pictures [link, cursor will change to “pointer” when mouseover]
   5. The table row will be highlighted in “BlanchedAlmond” when mouseover.
   6. The column headers will be highlighted with “Brown” background color and white bold text when mouseover (see behaviors)
   7. The cursor style will change to “pointer” when a column header is mouseover
   8. Below the table will be a large “button” left-aligned allowing the user to convert to metric, or back again to English units in the table.
   9. The “metric” button cursor will change to “pointer” when mouseover
4. MAP+TABLE PAGE: BEHAVIORS:
   1. Google map
      1. Map style drop-down works properly: (satellite – labels/no-labels; roadmap – terrain/no terrain)
      2. Full screen icon works
      3. Zoom panel works
      4. Can grab map and drag it around (aka pan)
      5. Clicking on any marker results in an InfoWindow popup. There are two types:
         1. Visitor Center: Park Name, link to website containing index of hikes available at visitor center, google directions link to visitor center
         2. All other hikes: Hike name, Difficulty, Hike length, Elevation Change, link to website for hike, link to google directions for trailhead
      6. When zoomed sufficiently (>10), tracks will display info window when mouseover
   2. Table of Hikes (when showing)
      1. Table changes for each pan/zoom to list only the hikes showing (or in margins of) viewport
      2. Clicking on Web Pg checkbox opens corresponding hike page
      3. Clicking on Flickr icon opens corresponding Flickr Album page
      4. Clicking on column-header sorts the table according to that column
      5. Repeated clicks on column-header invert sort
      6. English/Metric conversion box converts units in table (alternating) when clicked
   3. Email link: opens properly to send email to [hawk109@icloud.com](mailto:hawk109@icloud.com)
5. FULL PAGE MAP: APPEARANCE:
   1. As previous, but consumes 100% of page height & width;
6. FULL PAGE MAP: BEHAVIORS:
   1. As previous, but without table.
7. MULTIPLE BROWSERS
   1. Open all html files with multiple browsers: Firefox, Chrome, Safari
   2. If needed, find someone with IE to open html files to verify correct operation.