```
1. show_splash_screen
2. main
  • initialize entries<sup>1</sup>

    initialize tabs

    o load sections to tab

    create section<sup>2</sup>

           ⇒ create question
                     update lpt sections<sup>3</sup>
                          create fractions
    o add submit button
           submit for tab
           ⇒ submit inputs
                     Step 1: Clear errors
                     Step 2: Collect inputs
                     Step 3: Mapping Dictionary<sup>4</sup>
                     Step 4: File creation
                          Headers
                                      lpt fraction headers<sup>3</sup>
                          DF creation
                                      create lpt dfs
                                       create control dfs

    File creation function

                                      Create file<sup>5</sup>
                                       create_infodom
                                           \rightarrow get integer values<sup>6</sup>
                                       create mdmap file with columns
                Step 5: Print errors if there are errors
             Step 6: Ask user to save with a filename
               Step 7: refresh page
                          save user inputs
                         restore_user_inputs
    o add advanced button to tab<sup>7</sup>
           open advanced popup
           \Rightarrow create section
               create question
```

<sup>1</sup>Initializes user entry dictionary using default values if provided

<sup>&</sup>lt;sup>2</sup>Uses dictionaries at beginning of programme to create questions by section

<sup>&</sup>lt;sup>3</sup>LPT only

<sup>&</sup>lt;sup>4</sup>Dropdown menus/radio buttons are mapped to integers for file creation

<sup>&</sup>lt;sup>5</sup>Used for both Control and LPT tabs

<sup>&</sup>lt;sup>6</sup>Infodom only

<sup>&</sup>lt;sup>7</sup>Control only