

Task 2

- The name dataset's country can be chosen by going to the Settings screen and selecting a different country.
- Error messages have been included for situations such as empty/invalid names, and empty/invalid years. An invalid name counts as one which has whitespace in between non-whitespace characters (e.g. Jenn ifer), and an invalid year simply counts as an entry that contains characters other than numeric characters.
-

Task 4

- As with task 2, the name dataset's country can be chosen, and error messages have been included for invalid name and/or year inputs.
- The previous algorithm would default the value of vintageYear to 2019 if it were not specified. To accommodate the changeable dataset country, vintageYear now automatically gets set to the latest year in the dataset being used.
- You can read an explanation on the details of the algorithm behind the name generator by clicking the 'How do I work?' button on the screen. Click 'Back' to hide the explanation.
 - The algorithm finds names with similar, yet low, Levenshtein distances between both the mother and father's names, to create names with a good mix of both the father and mother's names. After generating a list of candidate names from both the mother and father's names, they are merged with a certain weighting that depends on the closeness of the parent's YOB with the vintage year, and the gender of the baby name being generated.
- Generating the baby names list also creates a word cloud of the baby names that appears on the screen. The names list, along with the word cloud image, can be exported in the Export screen. However, if the names list is too short (<15 names), the word cloud will not be generated, and exporting the task as a PDF will not show the image either.

Export

- After generating reports/recommendations in other screens, they will show up on this screen in tabular form. In this table, each generated report/recommendation comes with the time it was generated, the name of the task it was created from, and a brief summary of the user's inputs upon generating the report/recommendation. This is designed to help you differentiate between choosing multiple reports/recommendations of the same task type.
- You can choose to select whichever reports/recommendations you wish to export as a PDF. They can be selected either with the checkboxes in the table, or with three buttons that control the selections in bulk. By default, the name of the file being exported is of the form "Report_XXXXXX.pdf", where XXXXXX is the earliest generation time amongst the selected reports.
- As an error check, attempting to export a PDF without selecting anything returns an error.