**Language: Python**

**Main screen text:**

**When opening the app, it reads stats from previous sessions and writes those values to the variables.**

**Shows welcome text to the user and provides instructions. Asks the user for input/choice**

**Text on screen:**

**Welcome to Fun with Numbers**

**Choose from the menu below:**

**(A) Check number features**

**(B) Plot numbers**

**(C) Check overall stats**

**(X) Save and exit**

**Choice:**

**User input (a, b, c, or x) open new module**

**Option A – check number features**

**Option B – Plot numbers**

**Option C – Check overall stats**

**Option X – Save and Exit the program**

**Error/bugs/improvements**

* **Numbers outside range on plotter keeps prompting the user (loop)**
* **Entering letters when integers are expected crashed the app (no error handling)**
* **Running statistics before entering numbers crashes the app**
* **Number features subroutine cannot handle numbers over 10 digits**
* **Entering numbers at the landing page crashes the app (no error handling**
* **Subroutines A and C give no feedback to the use to exiting back to home**
* **Plotter places the ‘x’ between rows**

**Other consideration**