This application is under development. Below is the documentation explaining the technicalities of the program:

**Prime.java**

This class is used to check if a number is prime or not. It contains the function *isPrime* which takes in a number and outputs whether its prime status is true or false. This class is used in **TwinPrimes.java**.

**TwinPrimes.java**

This class is used to check whether two numbers are twin primes or not. It contains the function *isTwinPrimes* which takes in two numbers and outputs whether their twin prime status is true or not. This function calls *isPrime* from **Prime.java**. This class is used in **FileIO.java**.

**FileIO.java**

This class is used to create the “result.txt” file that will output the hexagon crosses. It contains the function *MakeFile* which takes in the number of hexagon crosses the user would like to find. This function calls *isTwinPrimes* from **TwinPrimes.java** when finding the hexagon crosses. This class is used in **Driver.java**.

**Driver.java**

This class is used to create the GUI that will receive the user’s input that will be used to create the “result.txt” file as well as output the hexagon crosses in the GUI. This function calls *MakeFile* from **FileIO.java** once it obtains the number of hexagon crosses the user would like to find.