1. **Create an Input File**:
    - Create a file named `input.txt` or whatever you would like to name it in the same directory where the JAR file (`MyProgram.jar`) is located. This file will be used as input for the program.
2. **Install Java**:
    - Ensure that Java is installed on your machine. If you don't have Java installed, you can download it from this link (https://www.java.com/en/download/).
3. **Run the JAR File**:
    - Open a terminal, command prompt, PowerShell, or the integrated terminal in Visual Studio Code.
    - Navigate to the directory where the JAR file (`MyProgram.jar`) is located.
    - Execute the following command to run the JAR file:

```
java -jar MyProgram.jar
```

4. **Input**:
    - The input file should contain the input data for the program - ensure that tokens are delimited with spaces and all function parameters are pre declared in a parent or global scope. Here is an example of the input format:

```
main
num V_a, num V_b, num V_c,
begin
   V_a = F_euclid(9, 3, 0);
   print V_a;
end

num F_euclid(V_a, V_b, V_c)
{
   num V_d, text V_e, text V_f,
   begin

      if eq(V_a, V_b)
      then
            begin
               return V_a;
            end
      else
            begin
               if grt(V_a, V_b)
               then
                  begin
                        V_a = sub(V_a, V_b);
                  end
               else
                  begin
                        V_b = sub(V_b, V_a);
                  end;
               V_c = F_euclid(V_a, V_b, V_c);
               return V_c;
            end;
   end
}
end
```

5. **Run the Program**:
   - While running the program, you will be prompted to enter the name of the input file. Enter the name of the input file (e.g., `input.txt`) and press Enter.
6. **View the Output**:
   - The program will read the input from the `input file`, process it, and display the output in the terminal as well as write to an output folder - outputs included

- Syntax tree before scope analyzing.
- Syntax tree after scope analyzing.
- Intermediate code - For phase 5.a and 5.b.
- Target code - For phase 5.b The rest is outputed to the terminal.

7. **Run Output BASIC**:

    - To run the output BASIC code, install the BASIC interpreter on your machine and paste in the target code from the output folder. You can download a BASIC interpreter from this link (https://qb64.com).