1. Open and read the file.
   1. Open the file to ensure the file is accessible and can be read.
   2. Read each line of the file.
   3. Parse each line to split the line into course number, title, and prerequisites.
   4. Check the file format for errors.
   5. If the file is not open, print an error.
2. Parsing each line and checking for any errors in the format.
   1. Checking the parameters to ensure each line has at least two parameters. That would be the course number and title.
   2. Validate the prerequisites to ensure any prerequisite listed exists as a course in the file.
3. Creating course object and storing it in a binary search tree.
   1. Create the course object for each line.
   2. Insert each course object into the binary search tree.
4. Print the course information and prerequisites