Programming Assignment: `pipex`

Description
This assignment will give you experience with:
1. I/O redirection
2. Using fork to redirect I/O for other programs
3. Pipes and using fork with pipes

Instructions
You will write a program called `pipex` that extends to handle arbitrary pipelines. This new version should accept arbitrary program names as arguments and run them as a pipeline. The command
`pipex who sort head`
should have the same effect as `who | sort | head`.

Specifications
The pipex program you write must meet the following specifications:

[a] The program should accept an arbitrary program names as arguments and run them as a pipeline.

Submission
The submission structure is as follows:
1. Complete your draft of the programming assignment.
2. Use feedback received from your instructor to improve your code.
3. Complete your final version of the programming assignment.
4. Submit your final version.

Deliverables
Use the following naming convention for your files:
- **Draft:** LastnameFirstname-Coursenumber-Assignment title.txt
  (e.g.: SmithJane-CS43203-pipex-Draft.txt).

- **Final**: LastnameFirstname-Coursenumber-Assignment title.txt
  (e.g.: SmithJane-CS43203-pipex-Final.txt).
    - ***Output***: *Include a screenshot of the sample output to show the program running.*