**Design Document (problem 1)**

**Code Details:**

1. The code implements a program similar to that of bash
2. All the commands are implemented using execv system call.
3. Failure is detected using signal from child.
4. A given input is concatenated to each path one by one till failure signal is not received from child process.
5. Previous commands for SIGINT and quit prompt for SIGQUIT is implemented.

**To Run:**

1. $make
2. ./shell

**To Test**

1. All commands can be tested
   1. ls -al
   2. pwd
   3. Date
2. SIGINT and SIGQUIT can be tested from keyboard