```
1 #include <stdio.h>
   #include <stdlib.h>
   #include <unistd.h>
   #include <sys/wait.h>
    int main(int argc, char *argv[]) {
        if (argc < 2) {
            printf("Please enter UNIX command\n");
            return 1;
        }
11
12
        pid_t pid = fork();
        if (pid < 0) {
13
            perror("Error: cannot fork");
14
15
            exit(1);
        } else if (pid == 0) {
            execvp(argv[1], &argv[1]);
17
            perror("execvp failed");
18
19
            exit(1);
20
        } else {
21
            wait(NULL);
22
        }
23
24
        return 0;
```

```
1 int main()
        char input[256];
       char **tokens;
        char delim[] = " \t\n";
        int numtokens;
        int run = 1;
        while (run)
           printf("mysh >");
            fgets(input, 256, stdin);
            fflush(stdout);
            numtokens = tokenize(input, delim, &tokens);
            if (numtokens <= 0)</pre>
            if (strcmp(tokens[0], "exit") == 0)
                free(tokens);
           pid_t pid = fork();
            if (pid < 0)
               perror("Fork failed");
               free(tokens);
           else if (pid == 0)
               execvp(tokens[0], tokens);
               perror("Command failed");
               exit(1);
                wait(NULL);
            free(tokens);
        return 0;
```

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