

```
#include <stdio.h>
#include <stdlib.h>
#include <unistd.h>
#include <sys/wait.h>

#define MAX_BUFFER_SIZE 1024

void input_cmd(char input[MAX_BUFFER_SIZE])
{
    char c;
    int x = 0;
    do {
        c = getchar();
        //putchar(c);
        input[x] = c;
        x++;
    } while (c != '\n');
    input[x] = '\n';
}

int main()
{
    char input[MAX_BUFFER_SIZE];
    char *filename;
    char *argv[MAX_BUFFER_SIZE];

    int status = 0;
    while(status != -1)
    {
        printf("?: ");

        input_cmd(input);

        //parse_cmd(input, filename, argv);
        filename = input;
        int x = 0;
        filename = input;
        argv[0] = input;
        while( !(input[x] == ' ' || input[x] == '\n') )
        {
            x++;
        }

        int y = 1;
        while(input[x] != '\n')
        {
            if(input[x] == ' ')
            {
                input[x] = '\0';
                x++;
                argv[y] = &input[x];
                y++;
            }
            else
            {
                x++;
            }
            input[x] = '\0';
            int argvsize = y + 1;
            y = 0;
            while(y < argvsize)
            {
                y++;
            }
        }
    }
}
```

```
if(filename[0] == 'e' && filename[1] == 'x'
  && filename[2] == 'i' && filename[3] == 't')
{status = -1;}
  else
  {
    int pid = fork();
    if(pid == 0)
    {
      execvp(filename, argv);
    }
    else
    {
      //parent
      waitpid(pid, NULL, 0);
    }
  }
}
return(0);
}
```