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Sun Apr 17 23:35:02 2022
bonus.c
/*compilier: gcc -Wall -o bonus bonus.c bonus.h
Execution:./bonus
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Assignment: Bonus Homework
#include <stdio.h>
#include <sys/types.h>
#include "bonus.h"
//necessary headers implemented which include the bonus header
void parse(char *line, char **argv)
     while (*line != ' \setminus 0') {
                                  /* if not the end of line ..... */
          while (*line == ' ' || *line == '\t' || *line == '\n')
               *line++ = '\0';
                                  /* replace white spaces with 0
                                                                      */
          *argv++ = line;
                                   /* save the argument position
                                                                      * /
          while (*line != '\0' && *line != ' ' &&
                 *line != '\t' && *line != '\n')
                                   /* skip the argument until ...
     *argv = '\0';
                                   /* mark the end of argument list */
//Referecne http://www.csl.mtu.edu/cs4411.ck/www/NOTES/process/fork/exec.html
//Read the input line and parase into tokens
// Start from replace space into zero, till hittig a non-white space. address were save
d to argv[]
void execute(char **argv)
{
     pid_t pid;
     int status;
     if ((pid = fork()) < 0) {
          printf("*** ERROR: forking child process failed\n");
          exit(1);
     else if (pid == 0) {
          if (execvp(*argv, argv) < 0) {</pre>
               printf("\n");
               exit(1);
          }
     }
     else {
          while (wait(&status) != pid)
               ;
//Referecne http://www.csl.mtu.edu/cs4411.ck/www/NOTES/process/fork/exec.html
//Recive command line agument list,
//Initially, being a file name followed by augments
//forks child process. Excecute command with execvp
#define Buff_Len 1024
void main(void)
{
     char line[Buff_Len];
     char *argv[100];
     char path = "/bin/";
     char progpath[20];
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int $arr[100] = \{0, 1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89, 144, 233, 377, 610, 983\};$

while (1) {

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}
// Put functions which include cd, help,ls, quit and fibonacci.
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execvp(argv[1], argv[0]);

else if (strcmp(argv[0], "help") == 0)

else if (strcmp(argv[0], "cd") == 0)

execute (argv);

{execute(argv);}

{path = ".";}