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#include
<stdio.h>
            #include <unistd.h>// for fork
            #include <stdio.h>
            #include <string.h>
            #include <fcntl.h>
            #include <sys/stat.h>
            #include <sys/types.h>
            #include <stdlib.h>


            /**********Structure**********/
            struct User{
              char employeeName[50];
              char jobTitle[50];
              char status[50];
            };

            /**********UserInput**********/
            int structure(){

              struct User *userPtr, user;
              userPtr = &user;
              int fd;
              // file path
              char * myfifo = "myfifo.txt";
              // Creating the file
              mkfifo(myfifo, 0644);
              char arr, arr1, arr2;
              char ch, temp;
              // Open file fo write only
              fd = open(myfifo, O_WRONLY);

              printf("click enter to continue\n");
              while(1){
                  scanf("%c",&temp); // temp statement to clear buffer
                  // Take user UserInput and write to file
                  printf("Enter Employee Name: ");
                  scanf("%[^\n]", userPtr->employeeName);

                  printf("Enter Job Title: ");
                  scanf("%c",&temp); // temp statement to clear buffer
                  scanf("%[^\n]", userPtr->jobTitle);
```

```
    printf("Enter Status: ");
    scanf("%c",&temp); // temp statement to clear buffer
    scanf("%[^\n]", userPtr->status);

    char *space = ",";
    char *arr = userPtr->employeeName;
    char *arr1 = userPtr->jobTitle;
    char *arr2 = userPtr->status;

    // Concanating 3 strings together
    unsigned int const sz1  = strlen(arr);
    unsigned int const sz2  = strlen(arr1);
    unsigned int const sz3  = strlen(arr2);
    unsigned int const szSpace  = strlen(space);

    char *concat = (char*)malloc(sz1+sz2+sz3+3);

    memcpy( concat, arr  , sz1 );
    memcpy( concat+sz1, space , szSpace);
    memcpy( concat+sz1+szSpace, arr1 , sz2 );
    memcpy( concat+sz1+szSpace+sz2, space , szSpace);
    memcpy( concat+sz1+szSpace+sz2+szSpace, arr2 , sz3 );
   memcpy( concat+sz1+szSpace+sz2+szSpace+sz3, space , szSpace);

  concat[sz1+ szSpace + sz2 + szSpace + sz3 +szSpace] = '\0';

  write(fd, concat, strlen(concat));

  //printf("%s\n", concat);

    printf("Do you want to continue? y/n: ");
    scanf("%s", &ch);

    if(ch == 'y'){
      continue;
    }
    // End program if user input is 'n'
    else if(ch == 'n'){
      close(fd);
      return 0;
    }
}
```

```
  return 0;
}
```