

Test 2B : Programming

Due No due date

Points 15

Questions 1

Available May 3 at 6:30pm - May 3 at 7:30pm about 1 hour

Time Limit 30 Minutes

Instructions

Write the code of the functions based on the given specifications. Full points are given to functions written efficiently. In each of the function, there should only be one (1) return statement ONLY and conditions in the iteration and alternation statements should be a relational expression.

Preformat your code. Highlight code, Under Paragraph press Preformatted.

Example:

```
printf("\nHello World");
```

This quiz was locked May 3 at 7:30pm.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	20 minutes	6 out of 15

❗ Correct answers are hidden.

Score for this quiz: **6** out of 15

Submitted May 3 at 7:20pm

This attempt took 20 minutes.

Question 1

6 / 15 pts

Given the definition:

```
#define MAX 0XF
typedef enum {
    UNIMPORTANT, LATER, IMMEDIATE
}PRIORITY;
typedef struct to_do_task {
    PRIORITY p; /* task priority */
```

```

char desc[50]; /* task description */
int time; /* task time in minutes */
}TDT;

/* Linked List Representation of list */
typedef struct node{
    TDT task;
    struct node *nextTask;
}*taskLList; /* Definition of the ADT List */

```

Based on the given data structure definition, write the code of the function. Use the definition of list when necessary.

Function Specification. The function will read the task-records from the file task.dat 1 record at a time and put the task records in an initially empty linked list which will be returned to the calling function.

Your Answer:

```

taskLList newtaskList(taskLList* new){
    taskLList* travNew, newList, temp;
    FILE* fp;
    fp = fopen("task.dat","r");
    if(fp != NULL){
        while(fread(&new,sizeof(struct node),1,fp) !=0){
            for(travNew = &newList; *trav != NULL;travNew = &(*travNew)->nex
tTask){}
            temp = (taskLList)malloc(sizeof(struct node));
            temp->task = origList->task;
            temp->nextTask = *travNew;
            *travNew = temp;
        }
    }
    return newList;
    fclose(fp);
}

```

1) No given data as parameter 2) origList->task ???? 3 3

Quiz Score: **6** out of 15