Students Assignment Submission Details

```
#include <stdio.h>
#include <stdlib.h>
#include <string.h>
// Node structure
struct submission {
    int studentID;
    char title[50];
    char date[20];
    char status[15];
    struct submission * next;
};
// Head pointer
struct submission *head = NULL;
// Function to create new
submission node
struct submission *createNode(int id, char * title, char* date,
                              char* status) {
struct submission * newnode = (struct submission*) malloc(sizeof(node));
~~newnode = (struct submission*) malloc~~
newnode -> studentID = id;
strcpy(newNode -> title, title);
strcpy(newNode -> date, date);
strcpy(newNode -> status, status);
newnode -> next = NULL;
return newNode;
}
```

```
// Add new submission record
void addSubmission(int id, char *title, char *date, char *status) {
    struct Submission *newNode = createNode(id, title, date, status);
    if (head == NULL) {
        head = newNode;
    } else {
        struct Submission *temp = head;
        while (temp->next != NULL)
            temp = temp->next;
        temp->next = newNode;
    }
    printf("Submission added successfully!\n");
}

// Update status
void updateStatus(int id, char *title, char *newStatus) {
    struct Submission *temp = head;
    while (temp != NULL) {
        if (temp->studentID == id && strcmp(temp->title, title) == 0) {
            strcpy(temp->status, newStatus);
            printf("Status updated successfully!\n");
            return;
        }
        temp = temp->next;
    }
    printf("Submission not found!\n");
}
```

```
// search submissions by student ID
void searchSubmission(int id){
 struct submission *temp = head;
 int found = 0;
 while(temp != NULL){
  if(temp->studentID == id){
  printf("\n student ID : %d \n Assignment : %s \n Date : %s
        \n status : %s \n", temp->studentID, temp->title,
                            temp->date, temp->status);
  found = 1;
  }
  temp = temp->next;
 }
 if(!found)
  printf("NO submissions found for student ID %d \n", id);
}
// Display all records
void displayAll(){
 struct submission *temp = head;
 if(temp == NULL){
  printf("NO records found! \n");
  return;
 }
 printf("\n--- All submissions ---\n");
 while(temp != NULL){
 printf("student ID : %d || Assignment : %s | Date : %s | status : %s\n",
        temp->studentID, temp->title, temp->date, temp->status);
 temp = temp->next;
 }
```

```
//Main Menu
int main(){
 int choice, id;
 char title[50], date[20], status[15];
 do{
  printf("\n--- Assignment submission Tracker ---\n");
  printf("1. Add submission\n");
  printf("2. Update status\n");
  printf("3. Search by student ID\n");
  printf("4. Display All Records\n");
  printf("5. Exit\n");
 printf("%d", &choice);
 getchar()
 switch(choice){
 case 1:
  printf("Enter student ID:");
  scanf("%d", &id);
  getchar();
  printf("Enter Assignment Title:");
  fgets(title, sizeof(title), stdin);
  title[strcspn(status, "\n")] = 0;
  add submission(id, title, date, status);
  break;
 case 2:
    printf("Enter student ID:");
    scanf("%d", &id);
    getchar();
    printf("Enter Assignment Title:");
```

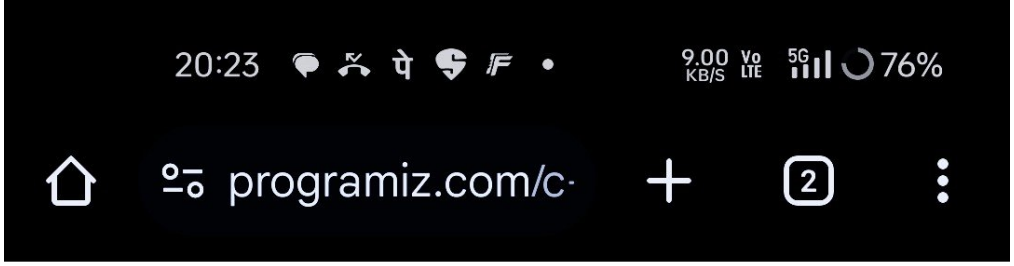
```
fgets (status title, sizeof (title), stdin);
title [strcspn (title, "\n")] = 0;
printf ("Enter new status: ");
fgets (status, sizeof (status), stdin);
status [strcspn (status, "\n")]
updateStatus (id, title, status);
break;

case 3:
    printf ("Enter student ID: ");
    scanf ("%d", &id);
    searchSubmission (id);
    break;

case 4:
    displayAll ();
    break;

case 5:
    printf ("Exiting... \n");
    break;

default:
    printf ("Invalid choice! \n");
}
} while (choice != 5);
return 0;
}
```



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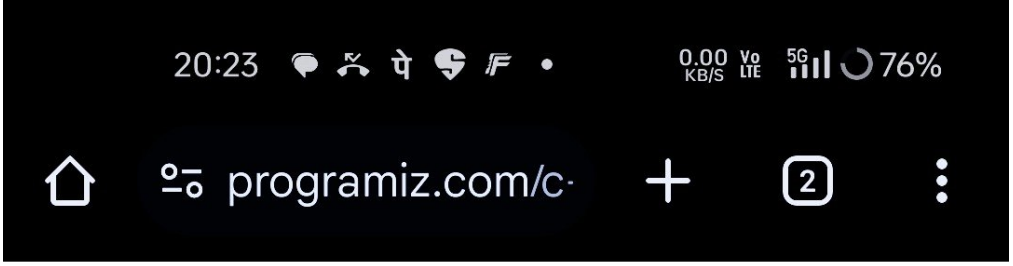
main.c | Output

```
--- Assignment Submission Tracker ---
1. Add Submission
2. Update Status
3. Search by Student ID
4. Display All Records
5. Exit
Enter choice: 1
Enter Student ID: 26
Enter Assignment Title: Bike
Enter Submission Date: 24.05.2007
Enter Status (Submitted/Pending):
    Submitted
Submission added successfully!

--- Assignment Submission Tracker ---
1. Add Submission
2. Update Status
3. Search by Student ID
4. Display All Records
5. Exit
Enter choice: 1
Enter Student ID: 27
Enter Assignment Title: Bike
Enter Submission Date: 24.05.2007
Enter Status (Submitted/Pending): Pending
```



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main.c | Output

```
Submission added successfully!

--- Assignment Submission Tracker ---
1. Add Submission
2. Update Status
3. Search by Student ID
4. Display All Records
5. Exit
Enter choice: 2
Enter Student ID: 26
Enter Assignment Title: Bike
Enter New Status: Car
Submission not found!

--- Assignment Submission Tracker ---
1. Add Submission
2. Update Status
3. Search by Student ID
4. Display All Records
5. Exit
Enter choice: 3
Enter Student ID: 26

Student ID: 26
Assignment: Bike
Date: 24.05.2007
Status: Submitted
```

20:23 0.00 KB/S 76%
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```
Date: 24.05.2007
Status: Submitted

--- Assignment Submission Tracker ---
1. Add Submission
2. Update Status
3. Search by Student ID
4. Display All Records
5. Exit
Enter choice: 4

--- All Submissions ---
Student ID: 26 | Assignment: Bike | Date:
    24.05.2007 | Status: Submitted
Student ID: 27 | Assignment: Bike | Date:
    24.05.2007 | Status: Pending

--- Assignment Submission Tracker ---
1. Add Submission
2. Update Status
3. Search by Student ID
4. Display All Records
5. Exit
Enter choice: 5
Exiting...


=== Code Execution Successful ===
```