```
- o >
                1 #include <bits/stdc++.h>
2 using namespace std;
                 3
4 struct Node {
5 int key;
6 struct Node* next;
7 };
                                                                                               III C:\Users\PRANESH PREMKUMAR\Desktop\Day 6 program 1.exe
                                                                                                esultant Merge Linked List Is :
3 5 10 15 20 40
                7 t };
8
9 □ Node* newNode(int key){
Node* temp = new Node;
temp->key = key;
temp->next = NULL;
return temp;
14
                18
19
20
21
22
23
24
25 □
26
27
28 □
                        Node* b = newNode(2);
b->next = newNode(3);
b->next->next = newNode(20);
vectorcintov;
while(a!=NULL){
v.push_back(a->key);
a=a->next;
}
while(b!=NULL){
Signature (1) ☐ Resources Compile Log ☐ Debug ☐ Find Results 🛊 Console 🔛 Close
- Warnings: 0 - Output Filename: C:\Users\PRANESH PREMKUMAR\Desktop\Day 6 program 1.exe - Output Size: 3.04411220550537 MiB - Compilation Time: 1.73s
Line: 47 Col: 2 Sel: 0 Lines: 47 Length: 1006 Insert Done parsing in 0.016 seconds
2.
- o ×
 g (globals)
Project Clas • Day 6 program 1.cpp
                1 #include <br/>bits/stdc++.h><br/>2 using namespace std;<br/>3
                                                                                           ■ C:\Users\PRANESH PREMKUMAR\Desktop\Day 6 program 1.exe
                                                                                             1 2 3 4 5 6 7 8 9 10 11
                  3
4 // A Linked List node
5 = struct Node {
   int data;
   Node* next;
8
};
                 Abort Compilation - Output Filename: C:\Users\PRANESH PREMKUMAR\Desktop\Day 6 program 1.exe
- Output Size: 3.01901340484619 MiB
- Compilation Fines 1.45s
☐ Shorten compiler pat
Line: 117 Col: 2 Sel: 0 Lines: 117 Length: 2945 Insert Done parsing in 0 seconds
```

```
| Compiler() | Resources | Compiler() | Resour
```

4.

```
C:\Users\srira\OneDrive\Belge
 First Occurrence = 8
Last Occurrence = 9
.s)
               soj.cpp
                                                                                                                                                                                                                                                                                                                   Process exited after 0.1758 seconds with return value 0 Press any key to continue . . . \mid
                1 #include <bits/stdc++.h>
                                        using namespace std;
                                // Function for finding first and last occurrence
                int first = -1, last = -1;
for (int i = 0; i < n; i++) {
    if (x != arr[i])
        continue;
    if (first == -1)
        first = i;
}</pre>
               10
11
12
13
14
15
16
17
18
19
20
21
                                                                last = i;
                                                rces 📶 Compile Log 🥒 Debua 🗖 Find Results 🕮 Close
6
  | File Edit Search View Project Second Tools AStyle Window Help
| Gill |
  1 #include <stdio.h>
                                                    int red = 0, white = 0, blue = 0;

for (int i = 0; i < numsSize; i++) {
    if (nums[i] == 0) red++;
    else if (nums[i] == 1) white++;
    else blue++;

    if (nums[i] = 0;
    if (nums[i] == 1) white++;
    else blue++;

    if (nums[i] = 0;
    if (nums[i] = 1) white++;
    if (nums[i] = 0;
    if (int i = 0; i < red; i++) {
        nums[i] = 0;
    if (int i = red; i < red + white; i++) {
        nums[i] = 1;
    if (int i = red; i < red + white; i++) {
        nums[i] = 1;
    if (int i = 1
                                                                                                                                                                                                                                                                                                                                                   Select C\Users\PRANESH PREMKUMAR\Desktop\Day 6 program 1.exe
                                                                                                                                                                                                                                                                                                                                                                  cess exited after 0.03873 seconds with return value 0 ss any key to continue . . .
                                                                                              for (int i = red + white; i < numsSize; i++) {
   nums[i] = 2;</pre>
                                                                20  for 21  }
                                                              Compiler(1) Resources Compile Log Debug Find Results Close

Abort Campidos

Abort Campidos

Abort Campidos

Output Filename: C:\Usera\PRANKEN PREMKUMAR\Desktop\Day & program 1.exe
Output Size: 323.1689453128 KiB

- Compilation Time: 0.228
  ☐ Shorten compiler pat
Line: 37 Col: 2 Sel: 0 Lines: 37 Length: 759 Insert Done parsing in 0 seconds
```

7.

```
- o ×
      a (globals)
   Project Clas • Day 6 program 1.cpp ×
                                        1 #include <stdio.h>
2 #include <stdib.h>
3 struct ListNode {
4 int val;
5 struct ListNode *next;
6 };
                                                                                                                                                                                                                                                          C:\Users\PRANESH PREMKUMAR\Desktop\Day 6 program 1.exe
                                                                                                                                                                                                                                                                                                                                                                                                                                                        7
8日 struct ListNode* deleteDuplicates(struct ListNode* head) {
9     struct ListNode* current = head;
10
11日    while (current != NULL && current->next != NULL) {
12日     if (current->val == current->next->val) {
                                                                                                                                                                                                                                                                 ocess exited after 0.04395 seconds with return value 0 iss any key to continue . . . .
                                                                while (current != NULL && current->next != NULL) {
   if (current->val == current->next->val) {
      struct ListNode* temp = current->next;
      current->next = current->next->next;
      free(temp);
}
                                        | struct listNode* temp = current->next;
| current->next = current->next;
| free(temp);
| else {
| current = current->next;
| free(temp);
| else {
| current = current->next;
| current
  S Compiler (1) ☐ Resources Compile Log Debug Find Results Console ☐ Close
  Abort Completion

- Warnings: 0

- Output Filename: C:\Usera\PRANTSH PREMKUMAR\Desktop\Day 6 program 1.exe

- Completion: 0.28s

- Compilation Time: 0.28s
 Shorten compiler pat
8.
                                                                                                                                                                                                                                                                                                                                                                                                                                                          - 0
 1 (globals)
   1 #include <stdio.h>
                                           Select C:\Users\PRANESH PREMKUMAR\Desktop\Day 6 program 1.exe
                                                                                                                                                                                                                                                                                                                                                                                                                                                           □ ×
                                                                                                                                                                                                                                                     cess exited after 0.03779 seconds with return value 0 ss any key to continue . . . \_
                                                               while (i >= 0 && j >= 0) {
    if (nums1[i) > nums2[j]) {
        nums1[k--] = nums1[i--];
    } else {
        nums1[k--] = nums2[j--];
    }
}
                                         П
  © Compiler (1) ☐ Resources 🖣 Compile Log 🚳 Debug 🦪 Find Results 🏦 Console 🔛 Close
  Abort CompShibot - Warnings: 0 - Output Filename: C:\Users\PRANESH PREMKUMAR\Desktop\Day 6 program 1.exe - Output Size: 323.3349609375 KiB - Compilation Time: 0.20s
```

☐ Shorten compiler pat

Line: 39 Col: 2 Sel: 0 Lines: 39 Length: 758 Insert Done parsing in 0.015 seconds

```
- o ×

    (globals)

Project Clas    Day 6 program 1.cpp ×
                                                    1 #include <stdio.h>
2 #include <stdlib.h>
                                                                                                                                                                                                                                                                                                                                             ■ C:\Users\PRANESH PREMKUMAR\Desktop\Day 6 program 1.exe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3
4□ struct TreeNode {
5     int val;
6     struct TreeNode *left;
7     struct TreeNode *right;
8 };
                                                    9
10 ─ struct TreeNode* sortedArrayToBST(int* nums, int numsSize) {
11 | if (numsSize == 0) return NULL;
                                                   int mid = numsSize / 2;
                                                                         struct TreeNode* root = (struct TreeNode*)malloc(sizeof(struct TreeNode));
root->val = nums[mid];
                                                                           root->left = sortedArrayToBST(nums, mid);
root->right = sortedArrayToBST(nums + mid + 1, numsSize - mid - 1);
                                                    23
24 void printTree(struct TreeNode* root) {
25
26
27
28 printf("%d ", root->val);
29 printTree(root->left);
29 printTree(root->right);
                                                                                printf("%d ", root->val);
printTree(root->left);
printTree(root->right);
  ⑤ Compiler (1) ☐ Resources  Compile Log  Debug  Find Results  Console  
  - Warnings: 0 - Output Finame: C:\User\PRANESH PREMKUMAR\Desktop\Day 6 program 1.exe
- Output Size: 323.21484375 KiB
- Compilation Time: 0.22s
  ☐ Shorten compiler pat
Line: 42 Col: 2 Sel: 0 Lines: 42 Length:
                                                                                                                                                                                                    961 Insert Done parsing in 0.016 seconds
```

## 10.

```
#include <stdio.h>
#include <stdio.h
#include <std># - - - - ×
#include <stdio.h
#include <std># - - - - ×
#include <std># - - - - ×
#include <std># - - - - - ×
#include <std># - - - - - - ×
#include <std># - - - - - - ×
#include <std># - - - - - - - ×
#include <std># - - - - - - - ×
#include <std># - - - - - - - ×
#include <std># - - - - - - - ×
#include <std># - - - - - - - ×
#include <std># - - - - - - - ×
#include <std># - - - - - - - ×
#include <std># - - - - - - - - ×
#include <std># - - - - - - - - ×
#include <std># - - - - - - - - ×
#include <std># - - - - - - - - ×
#include <std># - - - - - - - ×
#include <std># - - - - - - - ×
#include <std># - - - - - - - ×
#include <std># - - - - - - - ×
#include <std># - - - - - - - ×
#include <std># - - - - - - - ×
#include <std># - - - - - - - ×
#include <std># - - - - - - - ×
#include <std># - - - - - - - ×
#include <std># - - - - - - - ×
#include <std># -
```

## 11.

```
Ist.cpp

#include <stdio.h>
#include <stdio.h>
#include <string.h>

#include <string.h>

##define MAX_CHAR 256

##define MAX_CHAR 256

##define MAX_CHAR 256

##define MAX_CHAR = {0};

##include <stdio.h>
##define MAX_CHAR 256

##define MAX_CHAR 256

##define MAX_CHAR = {0};

##include <stdio.h>
##define MAX_CHAR 256

##define MAX_CHAR 256

##define MAX_CHAR = {0};

##include <stdio.h>
##define MAX_CHAR 256

##define MAX_CHAR 256

##define MAX_CHAR = {0};

##include <stdio.h>
##define MAX_CHAR 256

##define MAX_CHAR = {0};

##include <stdio.h>
##define MAX_CHAR 256

##define MAX_CHAR = {0};

##include <stdio.h>
##define MAX_CHAR = {0};

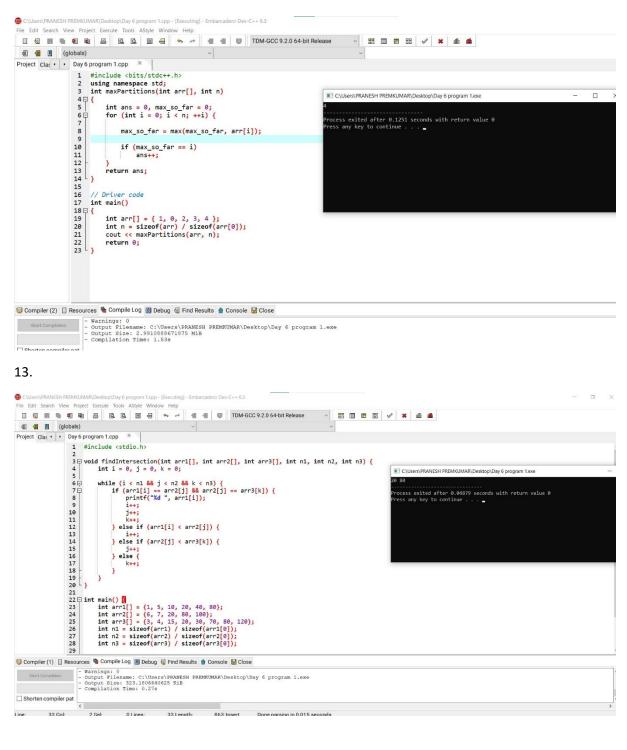
##define MAX_CHAR = {0};

##include <stdio.h>
##define MAX_CHAR = {0};

##include <stdio.h

##include <stdio
```

Line: 33 Col:



33 Length: 863 Insert Done parsing in 0.015 seconds