

TDM-GCC 4.9.2 64-bit Release

data structure sum of fibino series 3.cpp data odd and even 3.cpp location of the element in an element.cpp registration nuber.cpp merging.cpp [*] duplicates in an array.cpp

```
1 #include <stdio.h>
2 #define MAX_SIZE 100
3 int main() {
4     int arr[MAX_SIZE];
5     int size, i, j;
6     printf("Enter the size of the array (max %d): ", MAX_SIZE);
7     scanf("%d", &size);
8     printf("Enter %d elements of the array: ", size);
9     for (i = 0; i < size; i++) {
10         scanf("%d", &arr[i]);
11     }
12     printf("Duplicate elements in the array: ");
13     for (i = 0; i < size; i++) {
14         for (j = i + 1; j < size; j++) {
15             if (arr[i] == arr[j]) {
16                 printf("%d ", arr[i]);
17                 break;
18             }
19         }
20     }
21     printf("\n");
22     return 0;
23 }
```

C:\Users\HP\Desktop\data srtructure teja\dupli...

Enter the size of the array (max 100): 6
Enter 6 elements of the array: 2
3
4
3
2
5
Duplicate elements in the array: 2 3

Process exited after 9.567 seconds with return value 0
Press any key to continue . . .

Compile Log Debug Find Results Close

Compilation results...

Errors: 0
Warnings: 0
Output Filename: C:\Users\HP\Desktop\data srtructure teja\duplicates in an array.exe
Output Size: 129.2998046875 KiB
Compilation Time: 0.31s

Lines: 24 Length: 617 Insert Done parsing in 0.015 seconds

C:\data srtucture teja\valid string.cpp - [Executing] - Dev-C++ 5.11

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data structure sum of fibino series 3.cpp data odd and even 3.cpp location of the element in an element.cpp registration nuber.cpp merging.cpp [*] duplicates in an array.cpp [*] valid string.cpp

```
1 #include <stdio.h>
2 #include <ctype.h>
3 int isValidString(const char* str) {
4     if (str == NULL || *str == '\0') {
5         return 0;
6     }
7     while (*str) {
8         if (!isalnum(*str)) {
9             return 0;
10        }
11        str++;
12    }
13    return 1;
14 }
15 int main() {
16     char inputString[100];
17     printf("Enter a string: ");
18     scanf("%99s", inputString);
19     if (isValidString(inputString)) {
20         printf("The string is valid.\n");
21     } else {
22         printf("The string is not valid.\n");
23     }
24     return 0;
25 }
26
```

C:\Users\HP\Desktop\data srtucture teja\valid string.exe

Enter a string: sai
The string is valid.

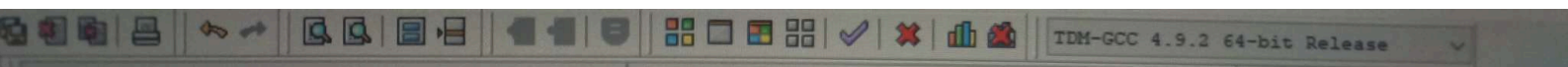
Process exited after 4.794 seconds with return value 0
Press any key to continue . . .

sources Compile Log Debug Find Results Close

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\HP\Desktop\data srtucture teja\valid string.exe
- Output Size: 129.98046875 KiB
- Compilation Time: 0.38s

Sek: 0 Lines: 26 Length: 550 Insert Done parsing in 0.047 seconds



(globals)

es Debug data structure sum of fibino series 3.cpp data odd and even 3.cpp location of the element in an element.cpp registration nuber.cpp merging.cpp (*)

```
1 #include <stdio.h>
2 int main() {
3     int num, reversedNum;
4     printf("Enter a 32-bit signed integer: ");
5     scanf("%d", &num);
6     reversedNum = ~num + 1;
7     printf("Original number: %d\n", num);
8     printf("Reversed number: %d\n", reversedNum);
9     return 0;
10 }
11
```

C:\Users\HP\Desktop\data srtucture teja\revers...

Enter a 32-bit signed integer: 4
Original number: 4
Reversed number: -4

Process exited after 5.503 seconds with return value 0
Press any key to continue . . .

Resources Compile Log Debug Find Results Close

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\HP\Desktop\data srtucture teja\reverse a num in 32 bits.exe

```

1 #include <stdio.h>
2 #define MAX_SIZE 10
3 void mulp(int mat1[][MAX_SIZE], int mat2[][MAX_SIZE], int result[][MAX_SIZE], int rows1, int cols1, int cols2) {
4     int i, j, k;
5     for (i = 0; i < rows1; i++) {
6         for (j = 0; j < cols2; j++) {
7             result[i][j] = 0;
8             for (k = 0; k < cols1; k++) {
9                 result[i][j] += mat1[i][k] * mat2[k][j];
10            }
11        }
12    }
13 }
14 void displayMatrix(int matrix[][MAX_SIZE], int rows, int cols) {
15     int i, j;
16     for (i = 0; i < rows; i++) {
17         for (j = 0; j < cols; j++) {
18             printf("%d ", matrix[i][j]);
19         }
20         printf("\n");
21     }
22 }
23 int main() {
24     int mat1[MAX_SIZE][MAX_SIZE], mat2[MAX_SIZE][MAX_SIZE], result[MAX_SIZE][MAX_SIZE];
25     int rows1, cols1, rows2, cols2;
26     int i, j;
27     printf("Enter row and col: ");
28     scanf("%d %d", &rows1, &cols1);
29     printf("Enter elements of the first matrix:\n");
30     for (i = 0; i < rows1; i++) {
31         for (j = 0; j < cols1; j++) {
32             scanf("%d", &mat1[i][j]);
33         }
34     }

```

```

C:\Users\HP\Desktop\data srtucture teja\matr...
Enter row and col: 2
Enter elements of the first matrix:
2
2
2
2
Enter second matrix: 2
Enter elements of the second matrix:
2
2
2
3
Resultant matrix:
8 10
8 10
-----
Process exited after 19.59 seconds with return value 0
Press any key to continue . . .

```

sources Compile Log Debug Find Results Close

Compilation results...

- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\HP\Desktop\data srtucture teja\matrix multiplication.exe
- Output Size: 131.05078125 KiB
- Compilation Time: 0.33s

41 Set: 0 Lines: 52 Length: 1568 Insert Done parsing in 0 seconds

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