C:\Users\Lenovo\Documents\24pg1.exe

bals)

ug

24pg1.cpp

```c
 1    #include <stdio.h>
 2    #include <stdlib.h>
 3
 4    struct Student {
 5        char name[50];
 6        int roll;
 7        float marks;
 8    };
 9
10    int main() {
11        struct Student *ptr;
12        ptr = (struct Student *) malloc(sizeof(struct Student));
13
14        printf("Enter name: ");
15        scanf("%s", ptr->name);
16
17        printf("Enter roll number: ");
18        scanf("%d", &ptr->roll);
19
20        printf("Enter marks: ");
21        scanf("%f", &ptr->marks);
22
23        printf("\nDisplaying Information:\n");
24        printf("Name: %s\nRoll number: %d\nMarks: %.2f\n", ptr->name, ptr-
25
26        free(ptr);
```

Enter name: ram
Enter roll number: 23
Enter marks: 98

Displaying Information:
Name: ram
Roll number: 23
Marks: 98.00

--------------------------------

Process exited after 10.47 seconds with return
Press any key to continue . . .

esources   Compile Log   ✓ Debug   Find Results   Close

```
Compilation results...
---------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Lenovo\Documents\24pg1.exe
- Output Size: 128.7705078125 KiB
- Compilation Time: 2.63s
```

paths

O Search

Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help
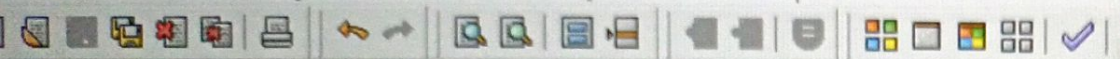
(globals)

ject   Classes   Debug   |   24pg1.cpp   24PG2.cpp   [*] 24PG6.cpp   24PG7.cpp   24pg8.cpp   [*] 24pg9.cpp

```c
#include<stdio.h>
int main()
{
    struct zoho
    {
        int employees;
        char comp[5];

struct founder
        {
            char ceo[10];
        }p;
    };
    struct zoho zs = {4000, "zoho", "sridhar"};
    printf("%d %s %s", zs.comp, zs.employees, zs.p.ceo);
    return 0;
}
```

C:\Users\Lenovo\Documents\24pg3.exe

```
-------------------------------------
Process exited after 2.411 seconds with return value 3221225477
Press any key to continue . . .
```

Compiler   Resources   Compile Log   Debug   Find Results   Close

Compilation results...
---------
- Errors: 0
- Warnings: 0

File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

(globals)

```
-126
--------------------------------
Process exited after 0.07828 seconds with return value 0
Press any key to continue . . .
```

Project   Classes   Debug        24pg1.cpp   24PG2.cpp   [*] 24PG6.cpp   24PG7.cpp   24pg8.cpp   [*] 24pg9.cpp   24pg10.cpp

```c
1      #include<stdio.h>
2   int main(){
3          int a = 130;
4          char *ptr;
5          ptr = (char *)&a;
6          printf("%d ",*ptr);
7          return 0;
8      }
9
```

Compiler    Resources    Compile Log    Debug    Find Results    Close

Abort Compilation

☐ Shorten compiler paths

```
Compilation results...
---------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Lenovo\Documents\24pg4.exe
- Output Size: 127.931640625 KiB
- Compilation Time: 0.50s
```

Activate Wind

Line:  8      Col:  2        Sel:  0        Lines:  9        Length:  119        Insert        Done parsing in 0.015 seconds

Download

C:\Users\Lenovo\Documents\24pg5.cpp - [Executing] - Dev-C++ 5.11

File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

(globals)

Project   Classes   Debug        24pg1.cpp   24PG2.cpp   [*] 24PG6.cpp   24PG7.cpp   24pg8.cpp   [*] 24pg9.cpp   24pg

```c
1    #include<stdio.h>
2    #include<string.h>
3    int main(){
4        char *ptr = "hello";
5        char a[22];
6    strcpy(a, "world");
7        printf("\n%s %s",ptr, a);
8        return 0;
9    }
10
11
```

C:\Users\Lenovo\Documents\24pg5.exe

```
hello world
----------------------------------------
Process exited after 0.07125 seconds with return value 0
Press any key to continue . . .
```

Compiler (2)   Resources   Compile Log   Debug   Find Results   Close

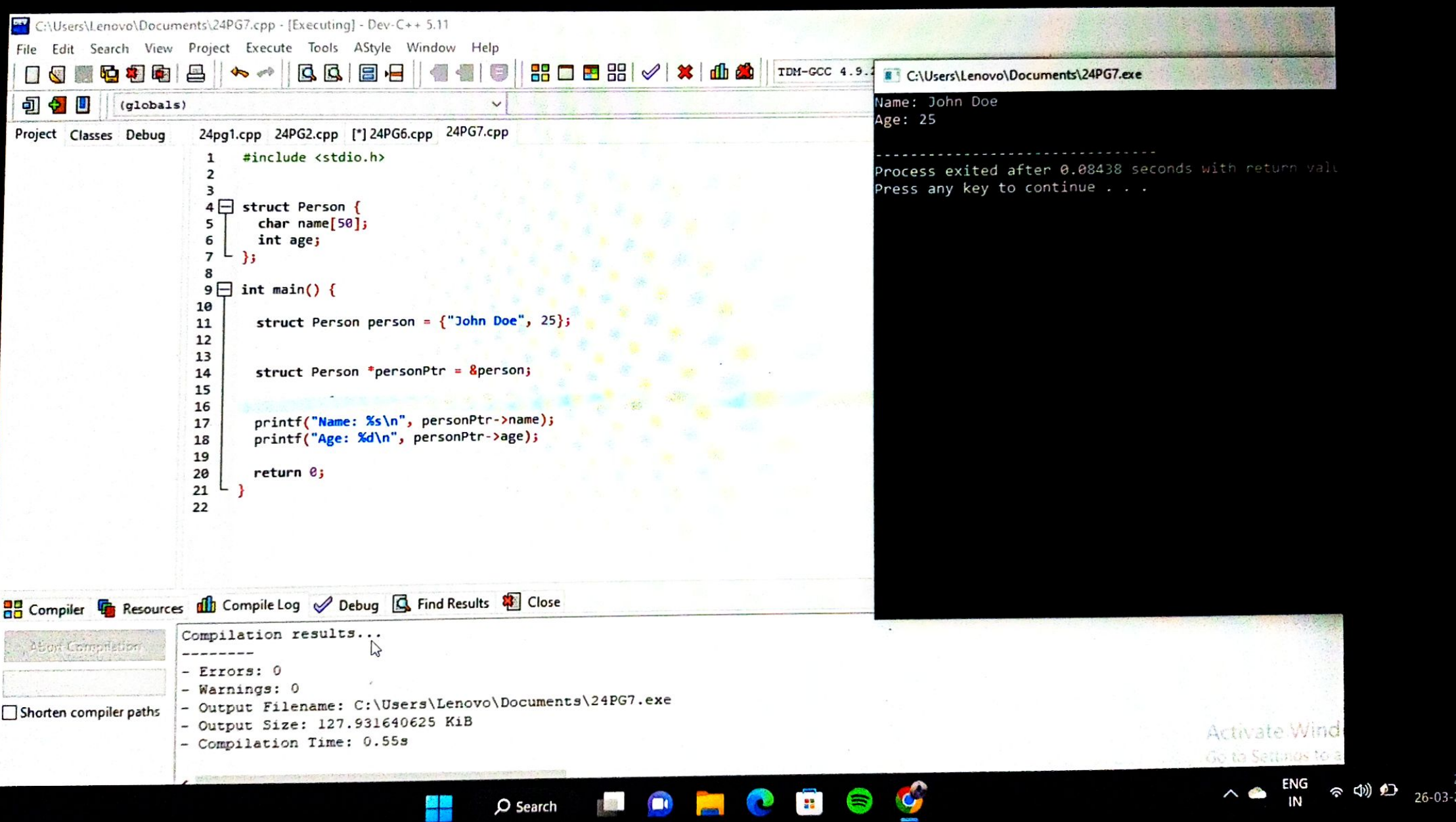| Line | Col | File | Message |
|------|-----|------|---------|
|      |     | C:\Users\Lenovo\Documents\24pg5.cpp | In function 'int main()': |
| 4 | 14 | C:\Users\Lenovo\Documents\24pg5.cpp | [Warning] deprecated conversion from string constant to 'char*' [-Wwrite-strings] |

Search

ENG
IN

C:\Users\Lenovo\Documents\24PG6.cpp - [Executing] - Dev-C++ 5.11

File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

TDM-GCC 4.9.2 64-bit Release

(globals)

Project   Classes   Debug

24pg1.cpp   24PG2.cpp   [*] 24PG6.cpp

```c
1     #include <stdio.h>
2
3     struct employee {
4          int eno;
5          char ename[20];
6          float salary;
7     };
8
9     int main() {
10         int n, i;
11         float max_sal = 0;
12         struct employee emp[50];
13
14         printf("Enter the number of employees: ");
15         scanf("%d", &n);
16
17
18         for (i = 0; i < n; i++) {
19             printf("\nEnter details of Employee %d:\n", i+1);
20             printf("Employee number: ");
21             scanf("%d", &emp[i].eno);
22             printf("Employee name: ");
23             scanf("%s", &emp[i].ename);
24             printf("Employee salary: ");
25             scanf("%f", &emp[i].salary);
26         }
```

Compiler   Resources   Compile Log   Debug   Find Results   Close

Abort Compilation

Shorten compiler paths

```
Compilation results...
---------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Lenovo\Documents\24PG6.exe
```

C:\Users\Lenovo\Documents\24PG6.exe

```
Enter the number of employees: 3

Enter details of Employee 1:
Employee number: 345678
Employee name: SITA
Employee salary: 5000000

Enter details of Employee 2:
Employee number: Employee name: Employee salary: RAM

Enter details of Employee 3:
Employee number: Employee name: Employee salary: 5432237

Details of the employee with highest salary:
Employee number: 127
Employee name: RAM
Employee salary: 5432237.00

------------------------------------
Process exited after 30.72 seconds with return value 0
Press any key to continue . . .
```

File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

(globals)

Project   Classes   Debug     24pg1.cpp   24PG2.cpp   [*] 24PG6.cpp   24PG7.cpp

```c
1      #include <stdio.h>
2
3
4      struct Person {
5          char name[50];
6          int age;
7      };
8
9      int main() {
10
11         struct Person person = {"John Doe", 25};
12
13
14         struct Person *personPtr = &person;
15
16
17         printf("Name: %s\n", personPtr->name);
18         printf("Age: %d\n", personPtr->age);
19
20         return 0;
21     }
22
```

C:\Users\Lenovo\Documents\24PG7.exe

```
Name: John Doe
Age: 25

---------------------------------
Process exited after 0.08438 seconds with return valu
Press any key to continue . . .
```

Compiler   Resources   Compile Log   Debug   Find Results   Close

Abort Compilation

☐ Shorten compiler paths

```
Compilation results...
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Lenovo\Documents\24PG7.exe
- Output Size: 127.931640625 KiB
- Compilation Time: 0.55s
```

Activate Wind
Go to Settings to a

Search

ENG
IN

26-03-2

File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

(globals)

Project   Classes   Debug

24pg1.cpp   24PG2.cpp   [*] 24PG6.cpp   24PG7.cpp   24pg8.cpp

```
23            if (students[i].grade >= 90) {
24                numAs++;
25            } else if (students[i].grade >= 78) {
26                numBs++;
27            } else if (students[i].grade >= 65) {
28                numCs++;
29            } else if (students[i].grade >= 50) {
30                numDs++;
31            } else {
32                numFs++;
33            }
34        }
35
36        // Output results
37        for (int i = 0; i < n; i++) {
38            cout << "Student " << students[i].studentNumber << " got
39        }
40        cout << "Number of As: " << numAs << endl;
41        cout << "Number of Bs: " << numBs << endl;
42        cout << "Number of Cs: " << numCs << endl;
43        cout << "Number of Ds: " << numDs << endl;
44        cout << "Number of Fs: " << numFs << endl;
45
46        return 0;
47    }
48
```

Compiler   Resources   Compile Log   Debug   Find Results   Close

Abort Compilation

☐ Shorten compiler paths

```
Compilation results...
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Lenovo\Documents\24pg8.exe
- Output Size: 1.83309745788574 MiB
- Compilation Time: 3.08s
```

C:\Users\Lenovo\Documents\24pg8.exe

```
Enter the number of students: 1
Enter student number and grade (separated by space) for student 1:
1
Student 2000 got a 1
Number of As: 0
Number of Bs: 0
Number of Cs: 0
Number of Ds: 0
Number of Fs: 1

--------------------------------
Process exited after 43.5 seconds with return value 0
Press any key to continue . . .
```

ENG
IN

23:21
26-03-2023

File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

TDM-GCC 4.9.2 64-bit Release

(globals)

Project   Classes   Debug

24pg1.cpp   24PG2.cpp   [*] 24PG6.cpp   24PG7.cpp   24pg8.cpp   [*] 24pg9.cpp

```
 9
10          printf("Enter two numbers: ");
11          scanf("%d %d", &num1, &num2);
12
13
14          hcf = findHCF(num1, num2);
15
16
17          printf("The HCF of %d and %d is %d", num1, num2, hcf)
18
19          return 0;
20      }
21
22
23      int findHCF(int num1, int num2) {
24          int remainder;
25
26          while (num2 != 0) {
27              remainder = num1 % num2;
28              num1 = num2;
29              num2 = remainder;
30          }
31
32          return num1;
33      }
34
```

```
Enter two numbers: 34
45
The HCF of 34 and 45 is 1
---------------------------------
Process exited after 7.631 seconds with return value 0
Press any key to continue . . .
```

Compiler    Resources    Compile Log    Debug    Find Results    Close

Abort Compilation

☐ Shorten compiler paths

```
Compilation results...
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Lenovo\Documents\24pg9.exe
- Output Size: 128.6318359375 KiB
- Compilation Time: 0.59s
```

Activate Wind
Go to Settings to a

Line: 9      Col: 5      Sel: 0      Lines: 34      Length: 525      Insert      Done parsing in 0.016 seconds

ENG
IN

23:22
26-03-2023

File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

TDM-GCC 4.9.2 64-bit Release

(globals)

Project   Classes   Debug

24pg1.cpp   24PG2.cpp   [*] 24PG6.cpp   24PG7.cpp   24pg8.cpp   [*] 24pg9.cpp   24pg10.cpp

```c
1    #include <stdio.h>
2
3    int main() {
4        char lowercase, uppercase;
5
6        printf("Enter a lowercase letter: ");
7        scanf("%c", &lowercase);
8
9        uppercase = lowercase - 32;
10
11       printf("The uppercase letter is: %c\n", uppercase);
12
13       return 0;
14   }
15
```

C:\Users\Lenovo\Documents\24pg10.exe

```
Enter a lowercase letter: t579
The uppercase letter is: T

------------------------------------
Process exited after 6.308 seconds with return value 0
Press any key to continue . . .
```

Compiler   Resources   Compile Log   Debug   Find Results   Close

Abort Compilation

☐ Shorten compiler paths

```
Compilation results...
--------
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\Lenovo\Documents\24pg10.exe
- Output Size: 128.1015625 KiB
- Compilation Time: 0.63s
```

Activate Wind
Go to Settings to a

Search

ENG
IN

26-03