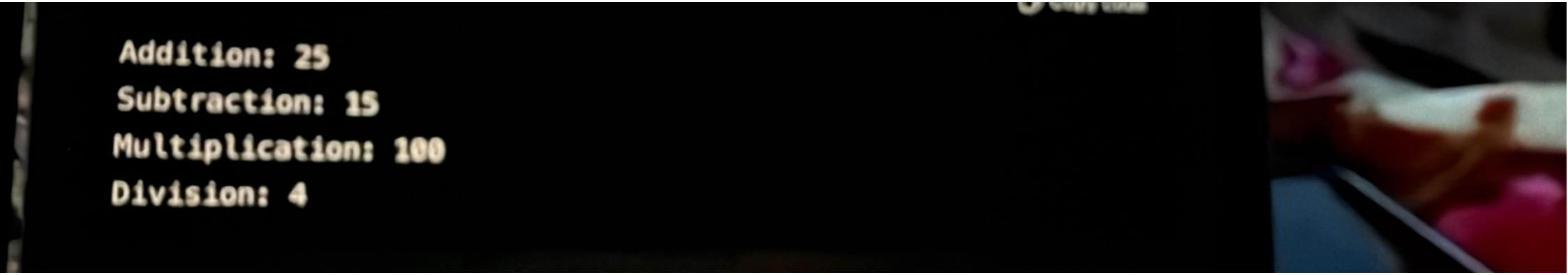
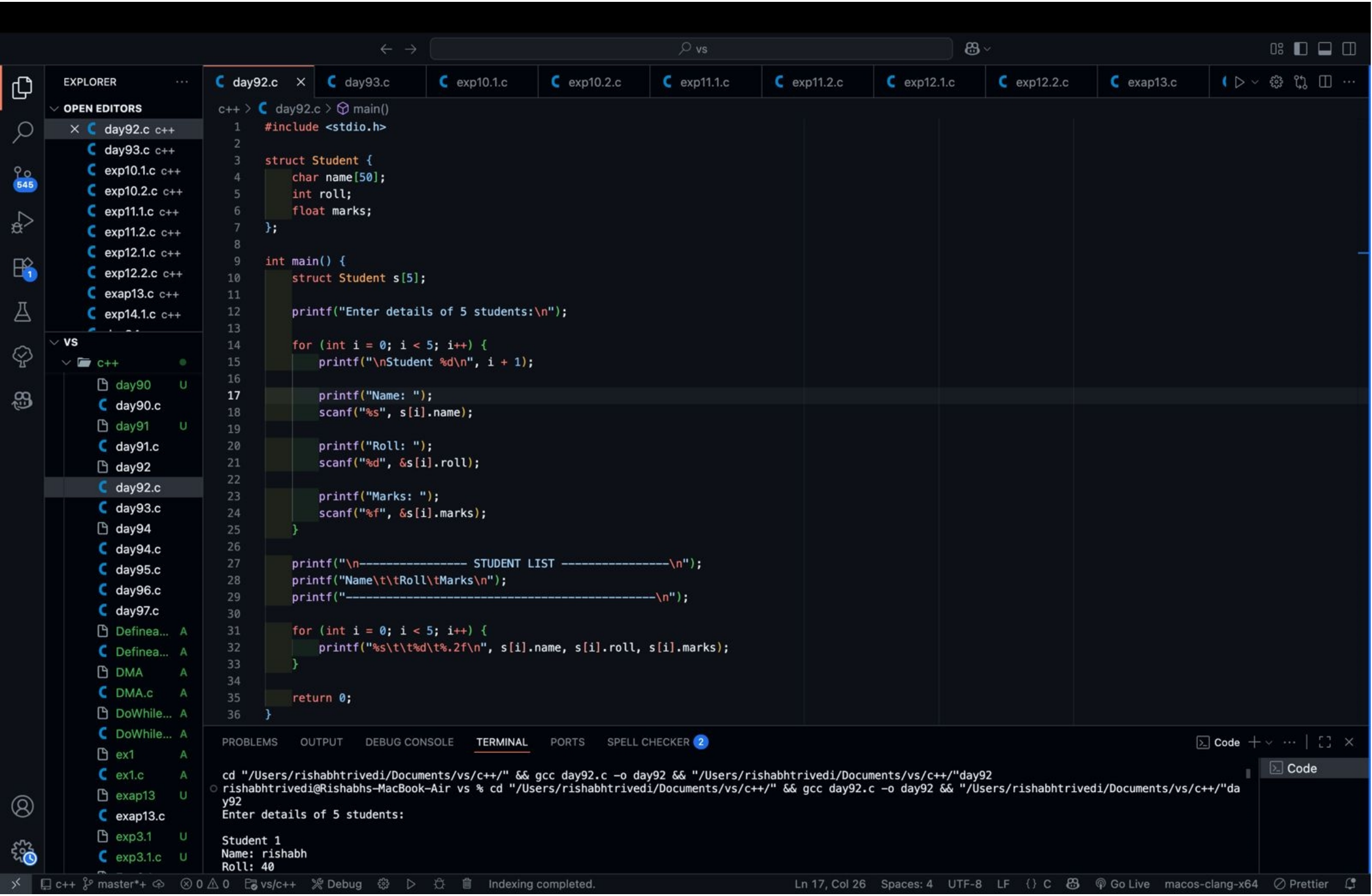
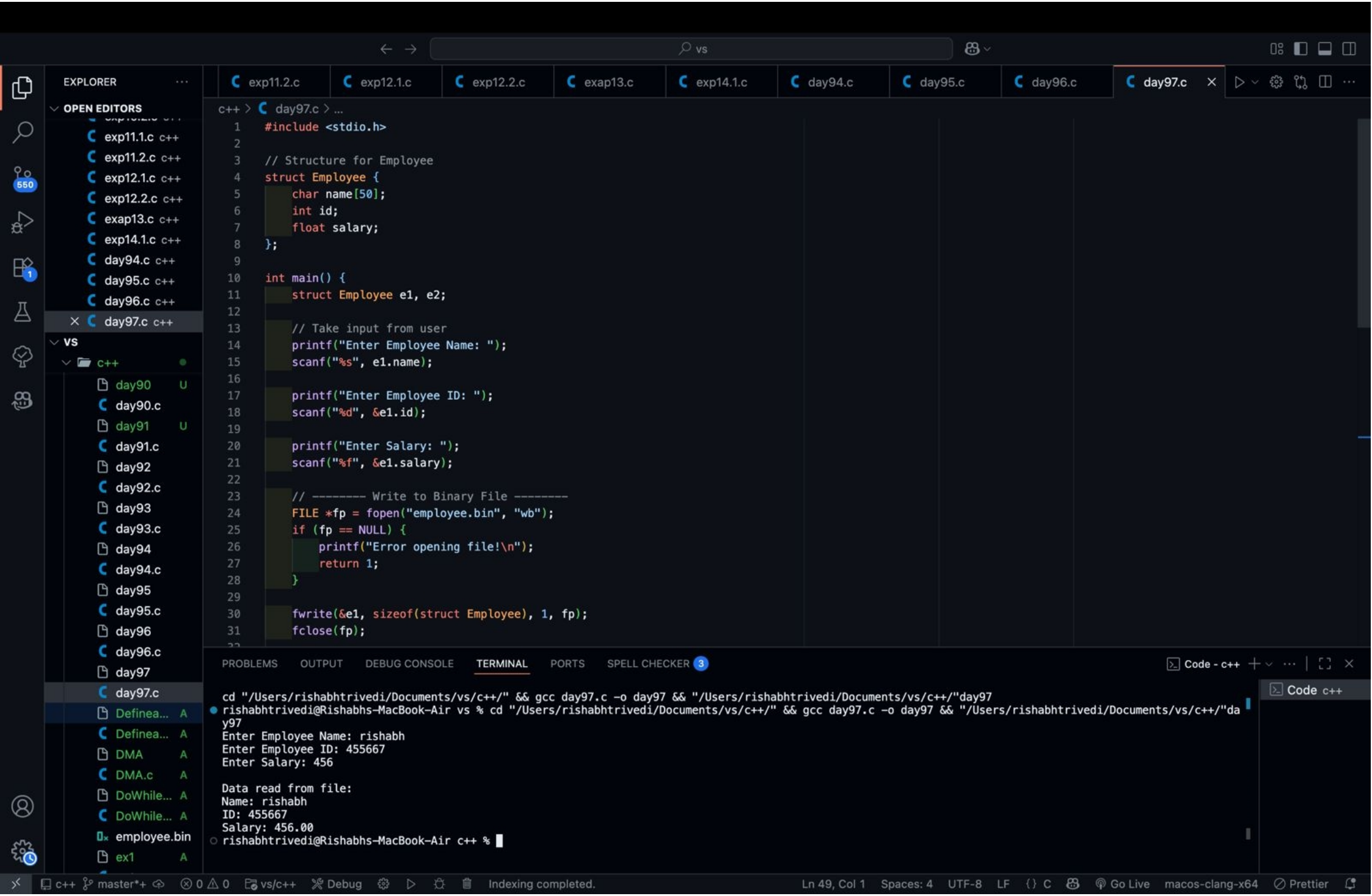
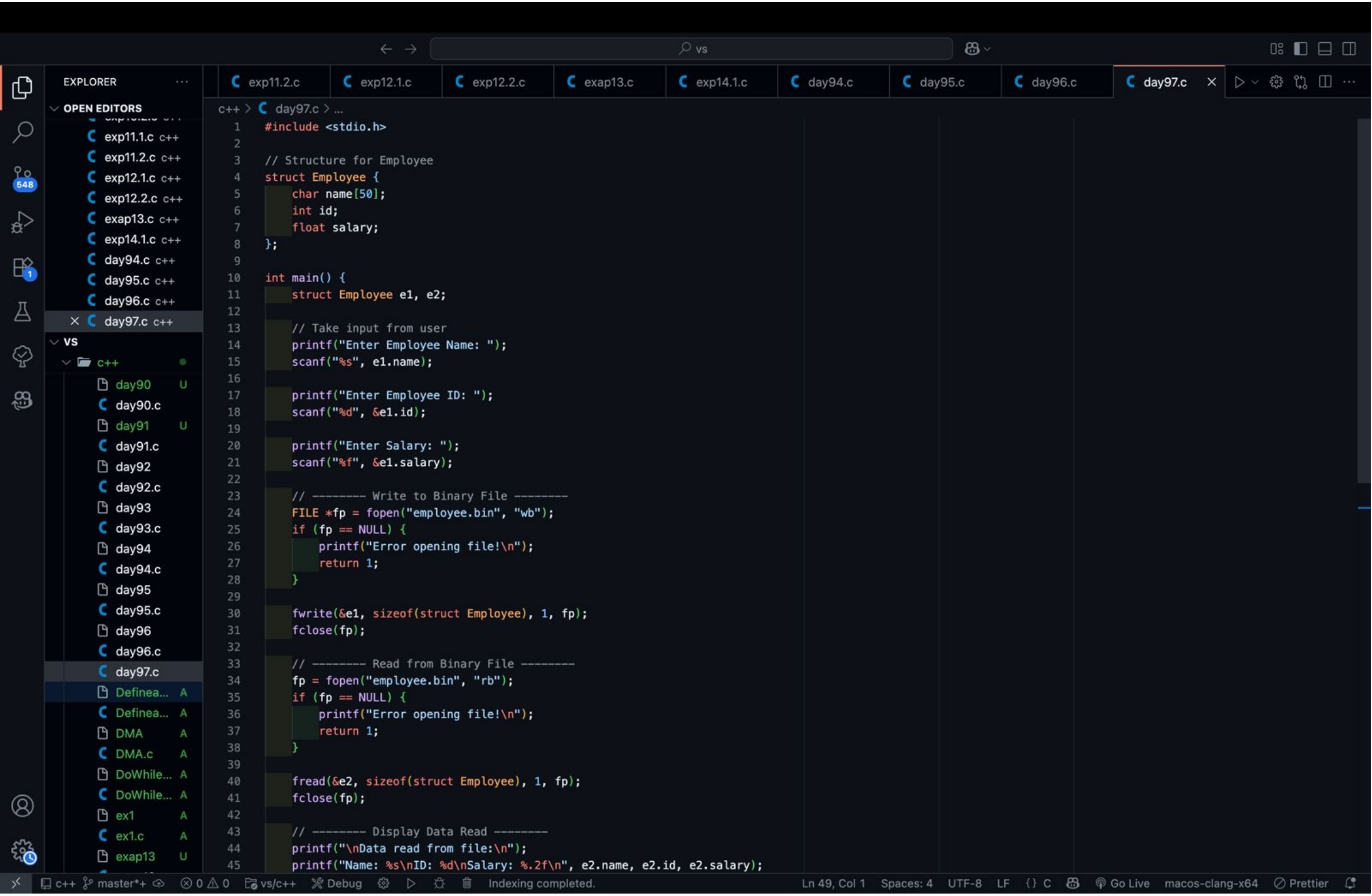
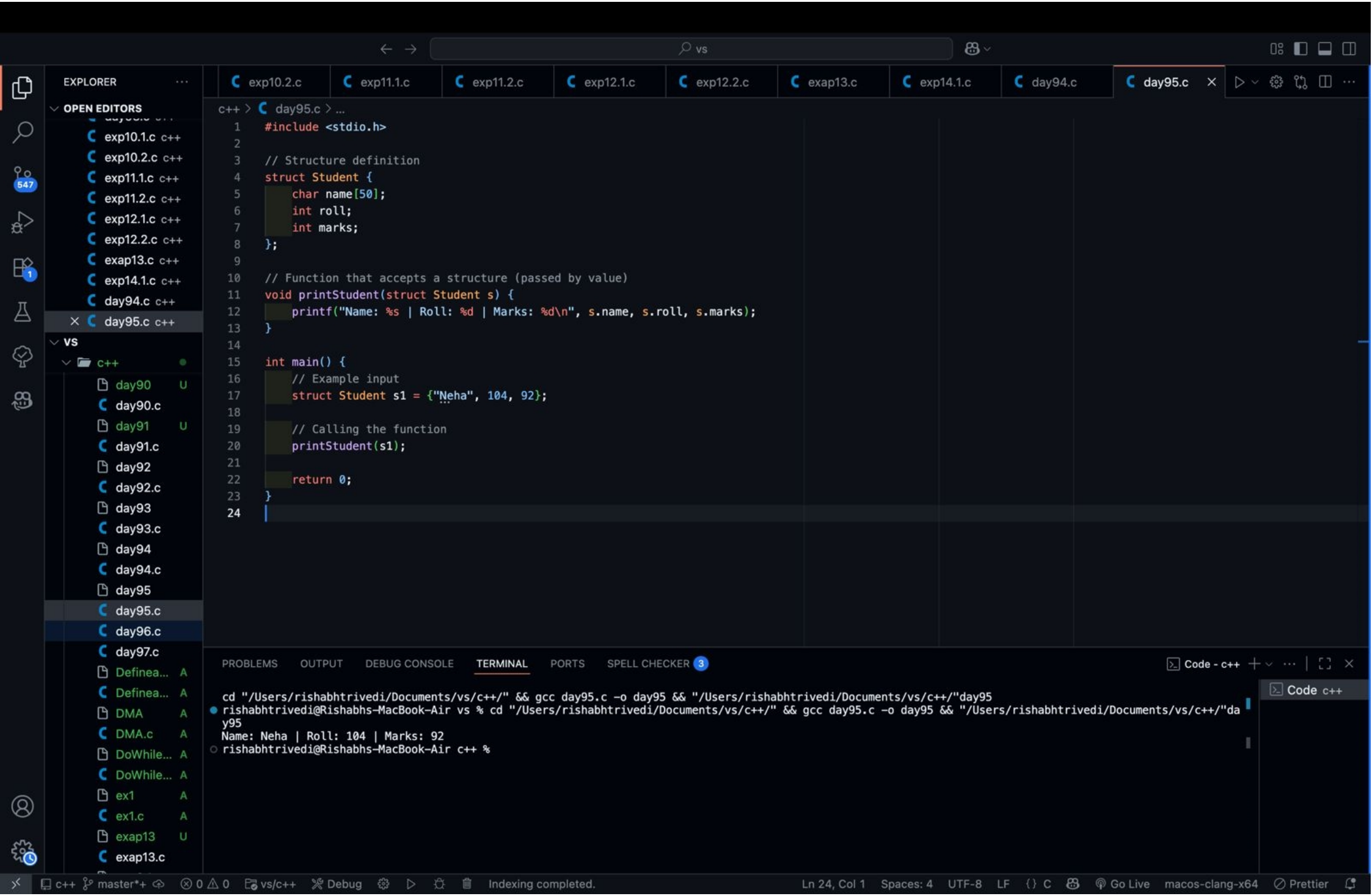

Addition: 25
Subtraction: 15
Multiplication: 100
Division: 4


EXPLORER
OPEN EDITORS
day92.c c++
day93.c c++
exp10.1.c c++
exp10.2.c c++
exp11.1.c c++
exp11.2.c c++
exp12.1.c c++
exp12.2.c c++
exap13.c c++
exp14.1.c c++
VS
c++
day90 U
day90.c
day91 U
day91.c
day92
day92.c
day93.c
day94
day94.c
day95.c
day96.c
day97.c
Definea... A
Definea... A
DMA A
DMA.c A
DoWhile... A
DoWhile... A
ex1 A
ex1.c A
exap13 U
exap13.c
exp3.1 U
exp3.1.c U
day92.c
day93.c
exp10.1.c
exp10.2.c
exp11.1.c
exp11.2.c
exp12.1.c
exp12.2.c
exap13.c
c++ > day92.c > main()
#include <stdio.h>
struct Student {
char name[50];
int roll;
float marks;
};
int main() {
struct Student s[5];
printf("Enter details of 5 students:\n");
for (int i = 0; i < 5; i++) {
printf("\nStudent %d\n", i + 1);
printf("Name: ");
scanf("%s", s[i].name);
printf("Roll: ");
scanf("%d", &s[i].roll);
printf("Marks: ");
scanf("%f", &s[i].marks);
}
printf("\n---------- STUDENT LIST ----------\n");
printf("Name\t\tRoll\tMarks\n");
printf("---\n");
for (int i = 0; i < 5; i++) {
printf("%s\t\t%d\t%.2f\n", s[i].name, s[i].roll, s[i].marks);
}
return 0;
}
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
SPELL CHECKER 2
Code
cd "/Users/rishabhtrivedi/Documents/vs/c++/" && gcc day92.c -o day92 && "/Users/rishabhtrivedi/Documents/vs/c++/"day92
rishabhtrivedi@Rishabhs-MacBook-Air vs % cd "/Users/rishabhtrivedi/Documents/vs/c++/" && gcc day92.c -o day92 && "/Users/rishabhtrivedi/Documents/vs/c++/"day92
Enter details of 5 students:
Student 1
Name: rishabh
Roll: 40
Code
c++ master*+ 0 0 vs/c++ Debug Indexing completed. Ln 17, Col 26 Spaces: 4 UTF-8 LF C Go Live macos-clang-x64 Prettier


EXPLORER
OPEN EDITORS
exp11.1.c c++
exp11.2.c c++
exp12.1.c c++
exp12.2.c c++
exap13.c c++
exp14.1.c c++
day94.c c++
day95.c c++
day96.c c++
day97.c c++
VS
c++
day90 U
day90.c
day91 U
day91.c
day92
day92.c
day93
day93.c
day94
day94.c
day95
day95.c
day96
day96.c
day97
day97.c
Definea... A
Definea... A
DMA A
DMA.c A
DoWhile... A
DoWhile... A
employee.bin
ex1 A
exp11.2.c
exp12.1.c
exp12.2.c
exap13.c
exp14.1.c
day94.c
day95.c
day96.c
day97.c
c++ > day97.c > ...
#include <stdio.h>
// Structure for Employee
struct Employee {
char name[50];
int id;
float salary;
};
int main() {
struct Employee e1, e2;
// Take input from user
printf("Enter Employee Name: ");
scanf("%s", e1.name);
printf("Enter Employee ID: ");
scanf("%d", &e1.id);
printf("Enter Salary: ");
scanf("%f", &e1.salary);
// -------- Write to Binary File --------
FILE *fp = fopen("employee.bin", "wb");
if (fp == NULL) {
printf("Error opening file!\n");
return 1;
}
fwrite(&e1, sizeof(struct Employee), 1, fp);
fclose(fp);
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
SPELL CHECKER 3
Code - c++
cd "/Users/rishabhtrivedi/Documents/vs/c++/" && gcc day97.c -o day97 && "/Users/rishabhtrivedi/Documents/vs/c++/"day97
rishabhtrivedi@Rishabhs-MacBook-Air vs % cd "/Users/rishabhtrivedi/Documents/vs/c++/" && gcc day97.c -o day97 && "/Users/rishabhtrivedi/Documents/vs/c++/"da
y97
Enter Employee Name: rishabh
Enter Employee ID: 455667
Enter Salary: 456
Data read from file:
Name: rishabh
ID: 455667
Salary: 456.00
rishabhtrivedi@Rishabhs-MacBook-Air c++ %
Code c++
c++ master*+ 0 0 vs/c++ Debug Indexing completed.
Ln 49, Col 1 Spaces: 4 UTF-8 LF { } C Go Live macos-clang-x64 Prettier


EXPLORER
OPEN EDITORS
exp11.1.c c++
exp11.2.c c++
exp12.1.c c++
exp12.2.c c++
exap13.c c++
exp14.1.c c++
day94.c c++
day95.c c++
day96.c c++
day97.c c++
VS
c++
day90 U
day90.c
day91 U
day91.c
day92
day92.c
day93
day93.c
day94
day94.c
day95
day95.c
day96
day96.c
day97.c
Definea... A
Definea... A
DMA A
DMA.c A
DoWhile... A
DoWhile... A
ex1 A
ex1.c A
exap13 U
exp11.2.c
exp12.1.c
exp12.2.c
exap13.c
exp14.1.c
day94.c
day95.c
day96.c
day97.c
c++ > day97.c > ...
#include <stdio.h>
// Structure for Employee
struct Employee {
char name[50];
int id;
float salary;
};
int main() {
struct Employee e1, e2;
// Take input from user
printf("Enter Employee Name: ");
scanf("%s", e1.name);
printf("Enter Employee ID: ");
scanf("%d", &e1.id);
printf("Enter Salary: ");
scanf("%f", &e1.salary);
// -------- Write to Binary File --------
FILE *fp = fopen("employee.bin", "wb");
if (fp == NULL) {
printf("Error opening file!\n");
return 1;
}
fwrite(&e1, sizeof(struct Employee), 1, fp);
fclose(fp);
// -------- Read from Binary File --------
fp = fopen("employee.bin", "rb");
if (fp == NULL) {
printf("Error opening file!\n");
return 1;
}
fread(&e2, sizeof(struct Employee), 1, fp);
fclose(fp);
// -------- Display Data Read --------
printf("\nData read from file:\n");
printf("Name: %s\nID: %d\nSalary: %.2f\n", e2.name, e2.id, e2.salary);
c++ master*+ 0 0 vs/c++ Debug Indexing completed.
Ln 49, Col 1 Spaces: 4 UTF-8 LF { } C Go Live macos-clang-x64 Prettier


EXPLORER
OPEN EDITORS
exp10.1.c c++
exp10.2.c c++
exp11.1.c c++
exp11.2.c c++
exp12.1.c c++
exp12.2.c c++
exap13.c c++
exp14.1.c c++
day94.c c++
day95.c c++
VS
c++
day90 U
day90.c
day91 U
day91.c
day92
day92.c
day93
day93.c
day94
day94.c
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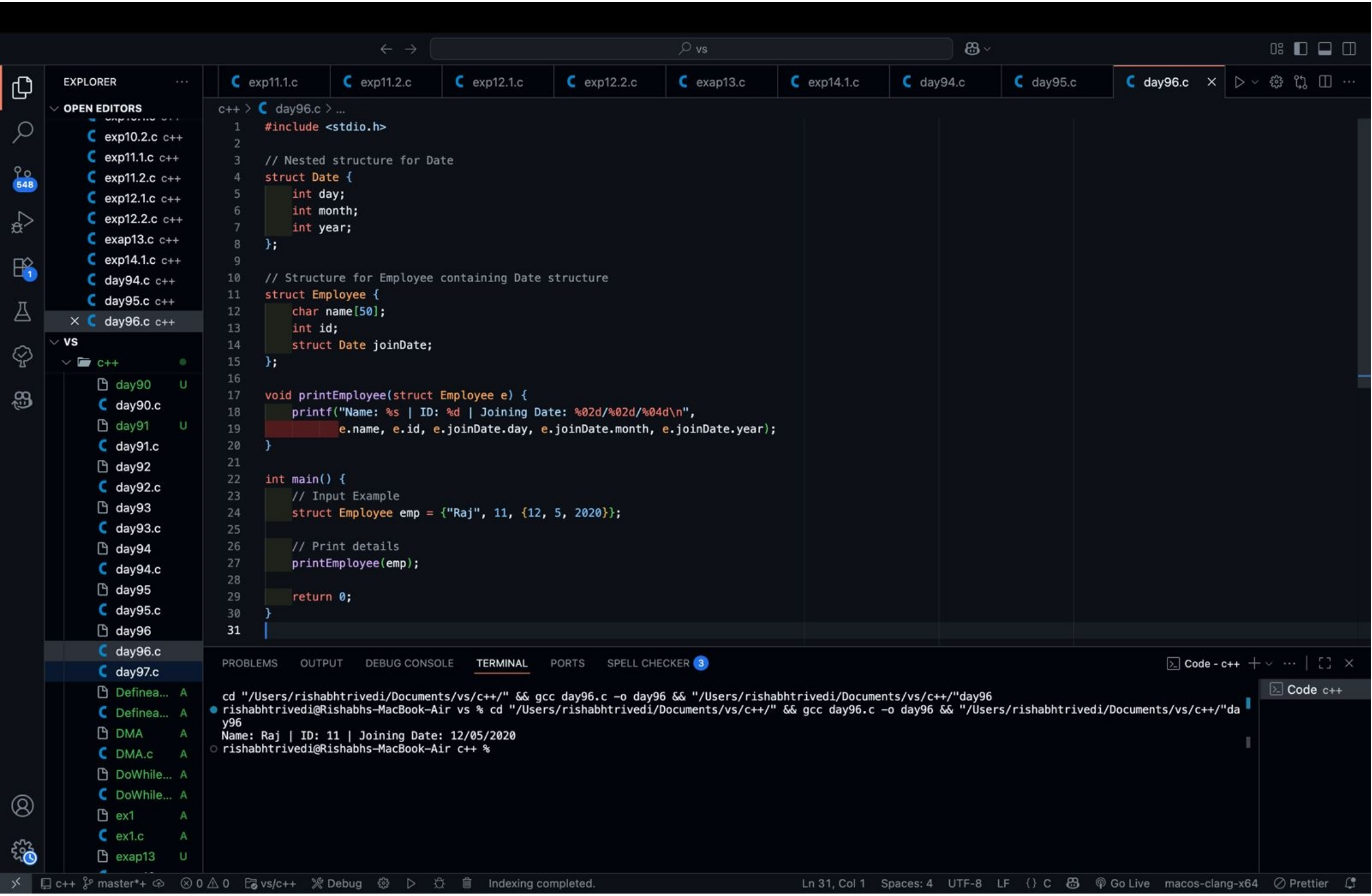
day95.c
day96.c
day97.c
Definea... A
Definea... A
DMA A
DMA.c A
DoWhile... A
DoWhile... A
ex1 A
ex1.c A
exap13 U
exap13.c
exp10.2.c
exp11.1.c
exp11.2.c
exp12.1.c
exp12.2.c
exap13.c
exp14.1.c
day94.c
day95.c
c++ > day95.c > ...
#include <stdio.h>
// Structure definition
struct Student {
char name[50];
int roll;
int marks;
};
// Function that accepts a structure (passed by value)
void printStudent(struct Student s) {
printf("Name: %s | Roll: %d | Marks: %d\n", s.name, s.roll, s.marks);
}
int main() {
// Example input
struct Student s1 = {"Neha", 104, 92};
// Calling the function
printStudent(s1);
return 0;
}
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
SPELL CHECKER 3
Code - c++
cd "/Users/rishabhtrivedi/Documents/vs/c++/" && gcc day95.c -o day95 && "/Users/rishabhtrivedi/Documents/vs/c++/"day95
rishabhtrivedi@Rishabhs-MacBook-Air vs % cd "/Users/rishabhtrivedi/Documents/vs/c++/" && gcc day95.c -o day95 && "/Users/rishabhtrivedi/Documents/vs/c++/"day95
Name: Neha | Roll: 104 | Marks: 92
rishabhtrivedi@Rishabhs-MacBook-Air c++ %
Code c++
c++ master*+ 0 0 vs/c++ Debug Indexing completed.
Ln 24, Col 1 Spaces: 4 UTF-8 LF C Go Live macos-clang-x64 Prettier


EXPLORER
OPEN EDITORS
exp10.2.c c++
exp11.1.c c++
exp11.2.c c++
exp12.1.c c++
exp12.2.c c++
exap13.c c++
exp14.1.c c++
day94.c c++
day95.c c++
day96.c c++
VS
c++
day90 U
day90.c
day91 U
day91.c
day92
day92.c
day93
day93.c
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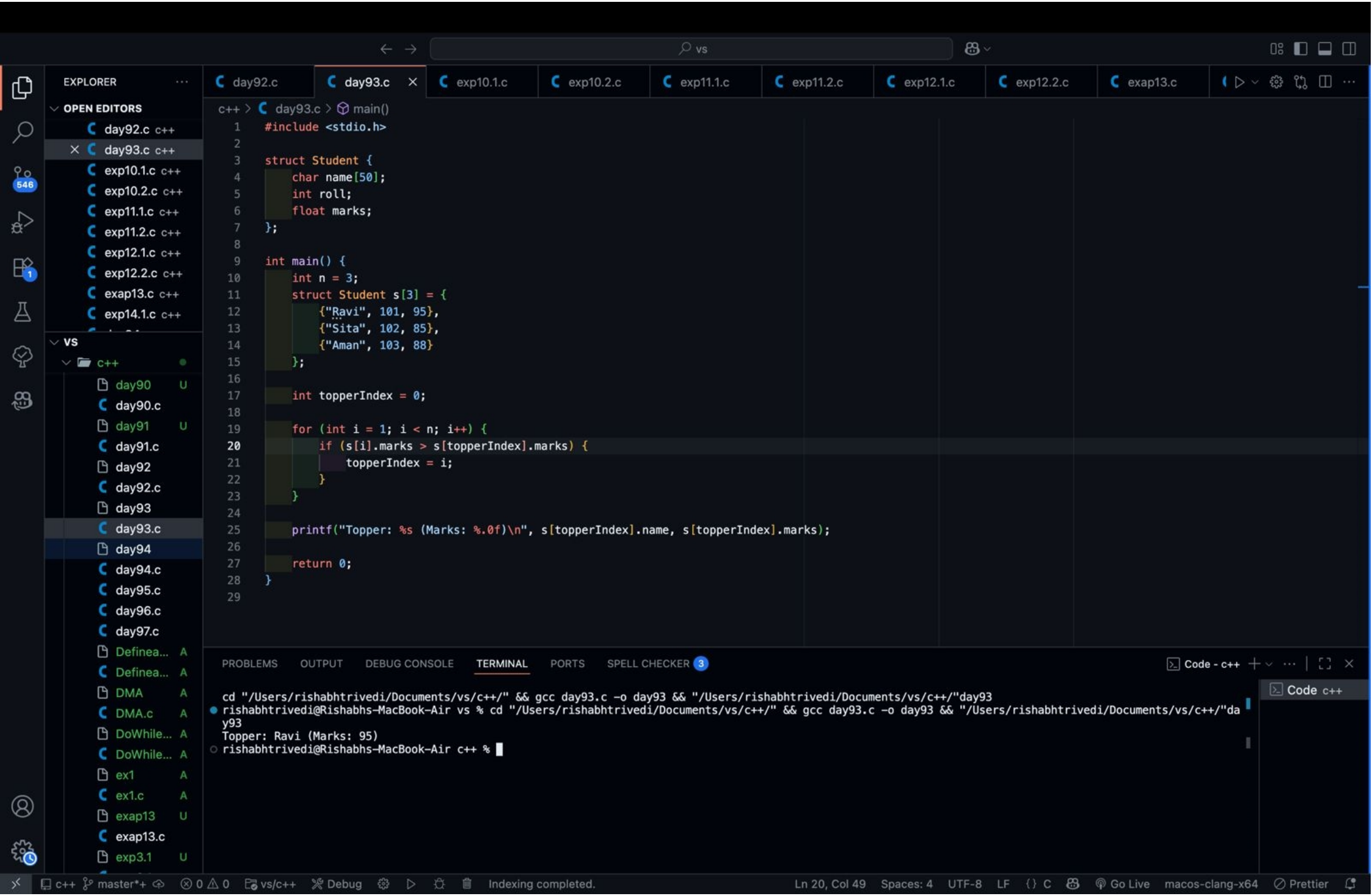
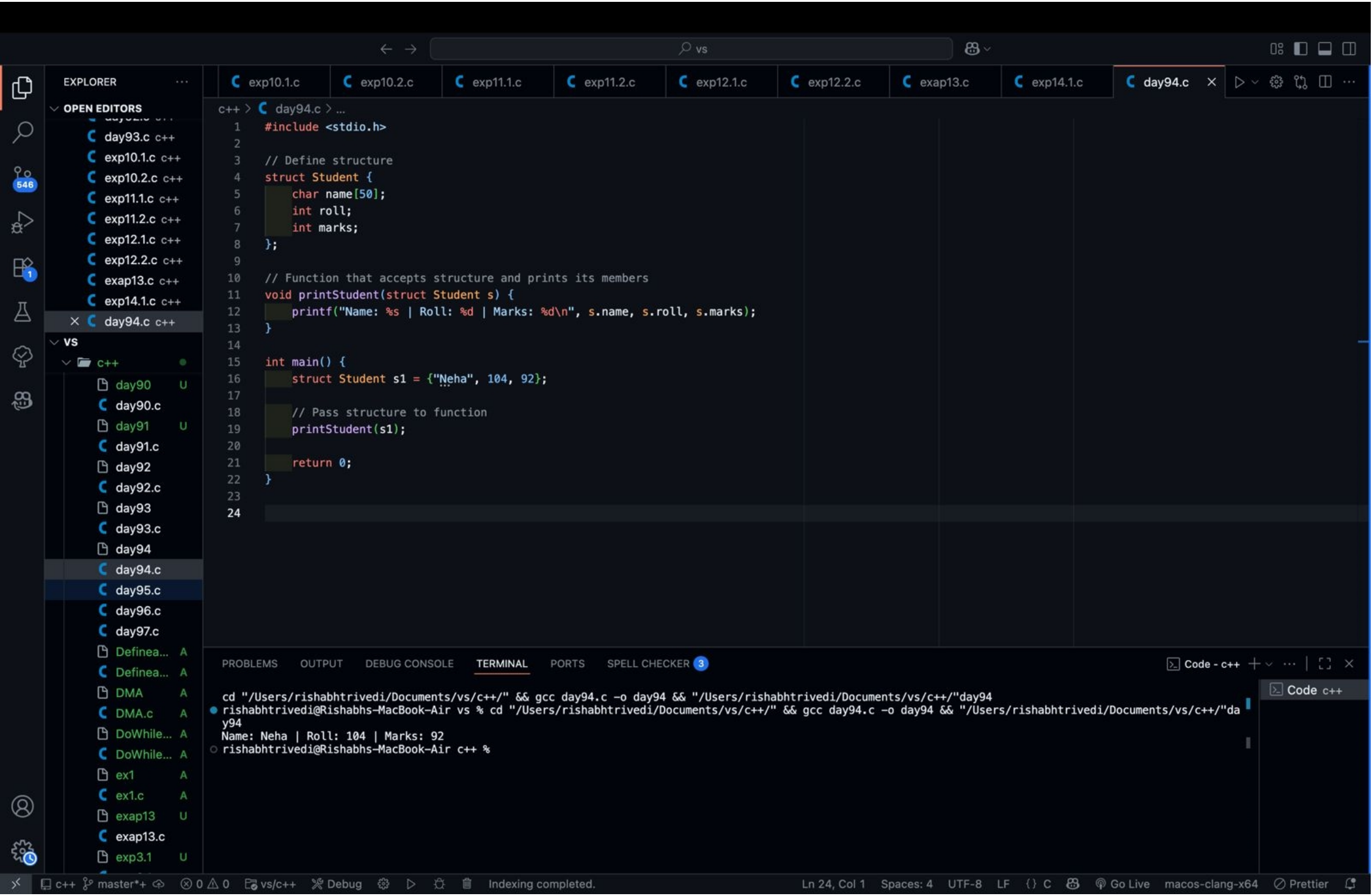
day96.c
day97.c
Definea... A
Definea... A
DMA A
DMA.c A
DoWhile... A
DoWhile... A
ex1 A
ex1.c A
exap13 U
exp11.1.c
exp11.2.c
exp12.1.c
exp12.2.c
exap13.c
exp14.1.c
day94.c
day95.c
day96.c
c++ > day96.c > ...
1 #include <stdio.h>
2
3 // Nested structure for Date
4 struct Date {
5 int day;
6 int month;
7 int year;
8 };
9
10 // Structure for Employee containing Date structure
11 struct Employee {
12 char name[50];
13 int id;
14 struct Date joinDate;
15 };
16
17 void printEmployee(struct Employee e) {
18 printf("Name: %s | ID: %d | Joining Date: %02d/%02d/%04d\n",
19 e.name, e.id, e.joinDate.day, e.joinDate.month, e.joinDate.year);
20 }
21
22 int main() {
23 // Input Example
24 struct Employee emp = {"Raj", 11, {12, 5, 2020}};
25
26 // Print details
27 printEmployee(emp);
28
29 return 0;
30 }
31
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
SPELL CHECKER 3
Code - c++
cd "/Users/rishabhtrivedi/Documents/vs/c++/" && gcc day96.c -o day96 && "/Users/rishabhtrivedi/Documents/vs/c++/"day96
rishabhtrivedi@Rishabhs-MacBook-Air vs % cd "/Users/rishabhtrivedi/Documents/vs/c++/" && gcc day96.c -o day96 && "/Users/rishabhtrivedi/Documents/vs/c++/"day96
Name: Raj | ID: 11 | Joining Date: 12/05/2020
rishabhtrivedi@Rishabhs-MacBook-Air c++ %
Code c++
c++ master*+ 0 0 vs/c++ Debug Indexing completed.
Ln 31, Col 1 Spaces: 4 UTF-8 LF {} C Go Live macos-clang-x64 Prettier


EXPLORER
OPEN EDITORS
day92.c c++
day93.c c++
exp10.1.c c++
exp10.2.c c++
exp11.1.c c++
exp11.2.c c++
exp12.1.c c++
exp12.2.c c++
exap13.c c++
exp14.1.c c++
VS
c++
day90 U
day90.c
day91 U
day91.c
day92
day92.c
day93
day93.c
day94
day94.c
day95.c
day96.c
day97.c
Definea... A
Definea... A
DMA A
DMA.c A
DoWhile... A
DoWhile... A
ex1 A
ex1.c A
exap13 U
exap13.c
exp3.1 U
day92.c
day93.c
exp10.1.c
exp10.2.c
exp11.1.c
exp11.2.c
exp12.1.c
exp12.2.c
exap13.c
c++ > day93.c > main()
#include <stdio.h>
struct Student {
char name[50];
int roll;
float marks;
};
int main() {
int n = 3;
struct Student s[3] = {
{"Ravi", 101, 95},
{"Sita", 102, 85},
{"Aman", 103, 88}
};
int topperIndex = 0;
for (int i = 1; i < n; i++) {
if (s[i].marks > s[topperIndex].marks) {
topperIndex = i;
}
}
printf("Topper: %s (Marks: %.0f)\n", s[topperIndex].name, s[topperIndex].marks);
return 0;
}
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
SPELL CHECKER 3
Code - c++
cd "/Users/rishabhtrivedi/Documents/vs/c++/" && gcc day93.c -o day93 && "/Users/rishabhtrivedi/Documents/vs/c++/"day93
rishabhtrivedi@Rishabhs-MacBook-Air vs % cd "/Users/rishabhtrivedi/Documents/vs/c++/" && gcc day93.c -o day93 && "/Users/rishabhtrivedi/Documents/vs/c++/"da
y93
Topper: Ravi (Marks: 95)
rishabhtrivedi@Rishabhs-MacBook-Air c++ %
Code c++
c++ master*+ 0 0 vs/c++ Debug Indexing completed.
Ln 20, Col 49 Spaces: 4 UTF-8 LF C Go Live macos-clang-x64 Prettier


EXPLORER
OPEN EDITORS
day93.c c++
exp10.1.c c++
exp10.2.c c++
exp11.1.c c++
exp11.2.c c++
exp12.1.c c++
exp12.2.c c++
exap13.c c++
exp14.1.c c++
day94.c c++
VS
c++
day90 U
day90.c
day91 U
day91.c
day92
day92.c
day93
day93.c
day94
day94.c
day95.c
day96.c
day97.c
Definea... A
Definea... A
DMA A
DMA.c A
DoWhile... A
DoWhile... A
ex1 A
ex1.c A
exap13 U
exap13.c
exp3.1 U
exp10.1.c
exp10.2.c
exp11.1.c
exp11.2.c
exp12.1.c
exp12.2.c
exap13.c
exp14.1.c
day94.c
c++ > day94.c > ...
#include <stdio.h>
// Define structure
struct Student {
char name[50];
int roll;
int marks;
};
// Function that accepts structure and prints its members
void printStudent(struct Student s) {
printf("Name: %s | Roll: %d | Marks: %d\n", s.name, s.roll, s.marks);
}
int main() {
struct Student s1 = {"Neha", 104, 92};
// Pass structure to function
printStudent(s1);
return 0;
}
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
SPELL CHECKER 3
Code - c++
cd "/Users/rishabhtrivedi/Documents/vs/c++/" && gcc day94.c -o day94 && "/Users/rishabhtrivedi/Documents/vs/c++/"day94
rishabhtrivedi@Rishabhs-MacBook-Air vs % cd "/Users/rishabhtrivedi/Documents/vs/c++/" && gcc day94.c -o day94 && "/Users/rishabhtrivedi/Documents/vs/c++/"day94
Name: Neha | Roll: 104 | Marks: 92
rishabhtrivedi@Rishabhs-MacBook-Air c++ %
Code c++
c++ master*+ 0 0 vs/c++ Debug Indexing completed.
Ln 24, Col 1 Spaces: 4 UTF-8 LF { } C Go Live macos-clang-x64 Prettier