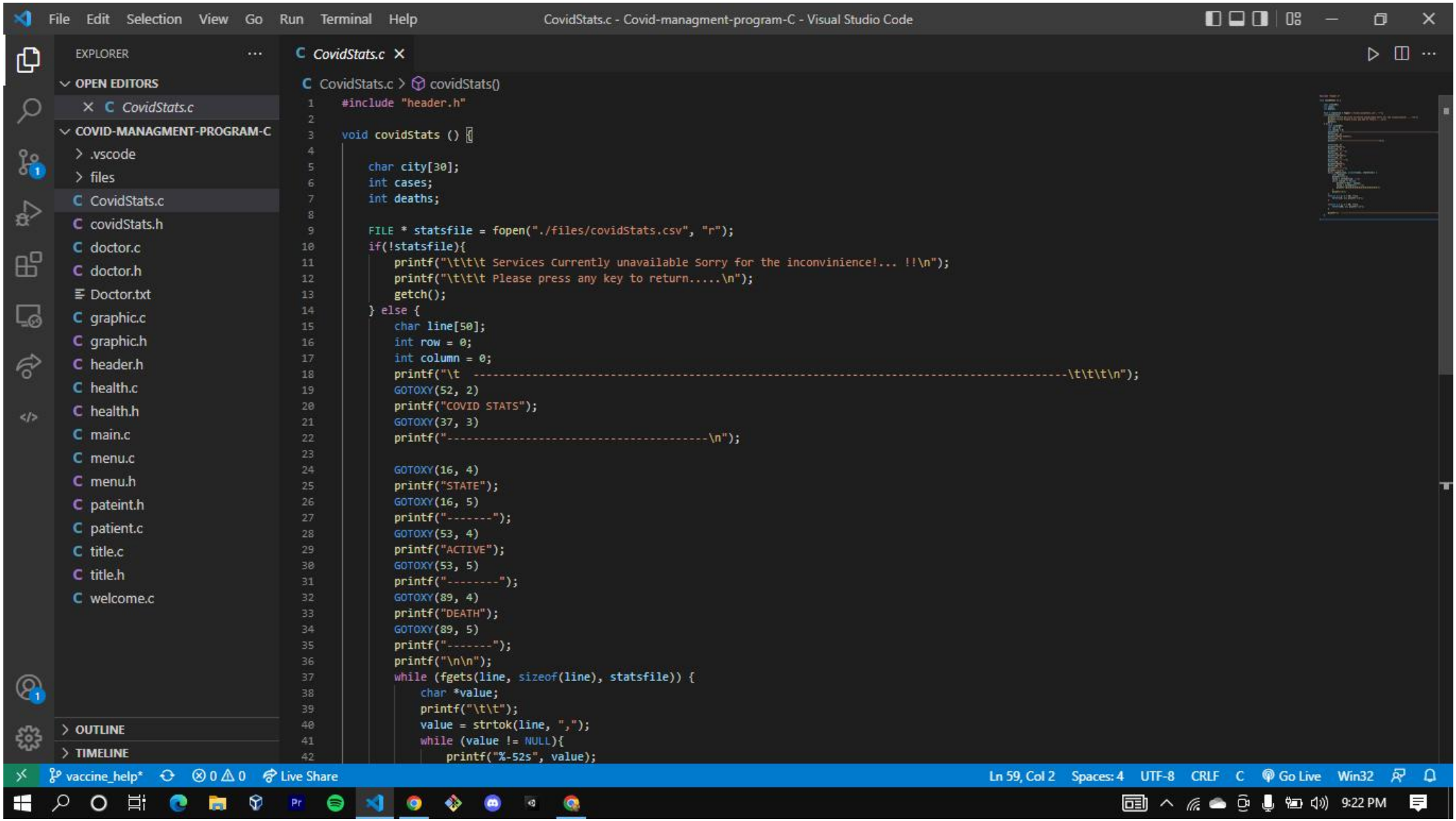
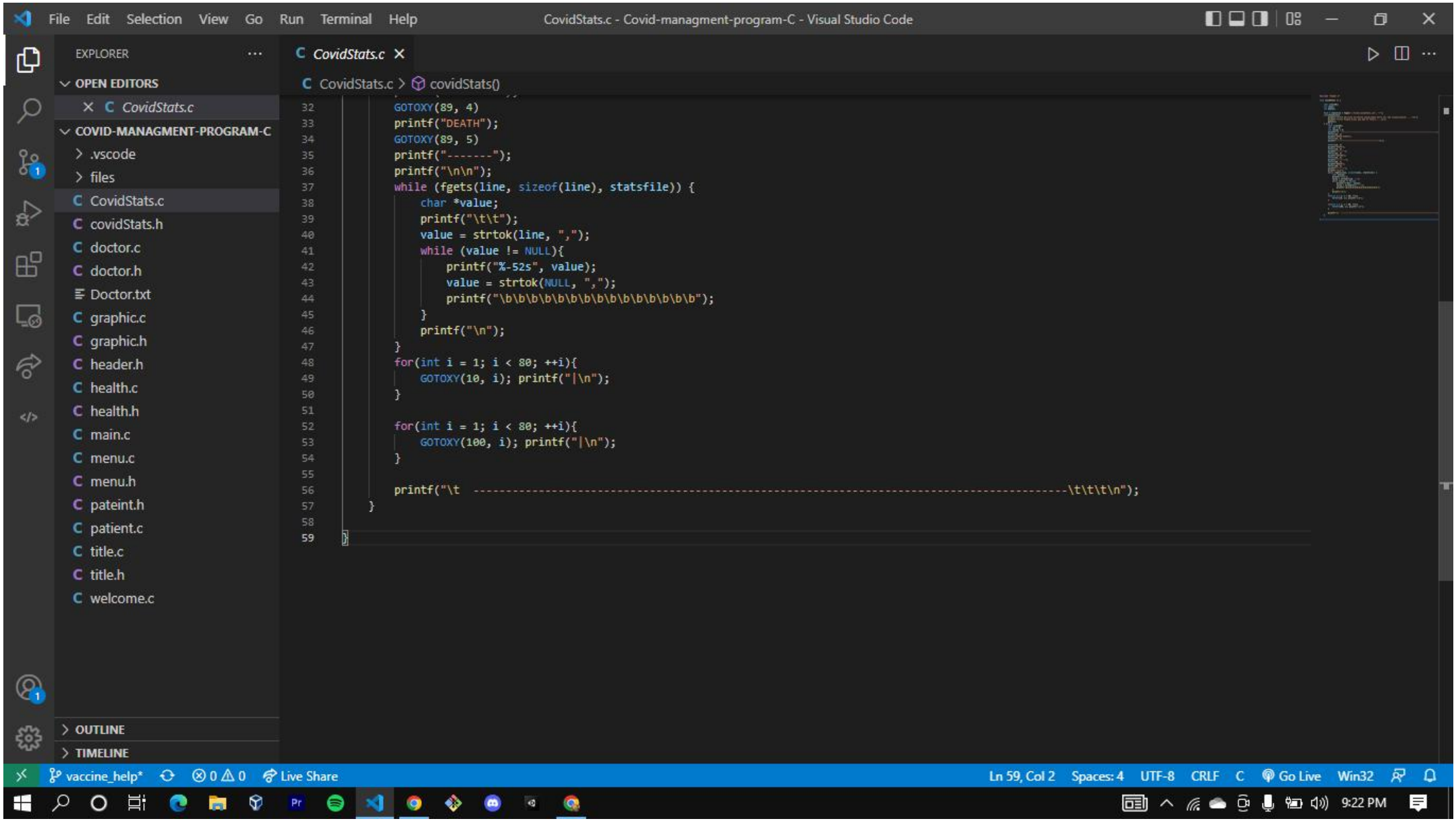

File Edit Selection View Go Run Terminal Help
CovidStats.c - Covid-managment-program-C - Visual Studio Code
EXPLORER
OPEN EDITORS
CovidStats.c
COVID-MANAGMENT-PROGRAM-C
.vscode
files
CovidStats.c
covidStats.h
doctor.c
doctor.h
Doctor.txt
graphic.c
graphic.h
header.h
health.c
health.h
main.c
menu.c
menu.h
pateint.h
patient.c
title.c
title.h
welcome.c
OUTLINE
TIMELINE
CovidStats.c > covidStats()
#include "header.h"
void covidStats () {
char city[30];
int cases;
int deaths;
FILE * statsfile = fopen("./files/covidStats.csv", "r");
if(!statsfile){
printf("\t\t\t Services Currently unavailable Sorry for the inconvinience!... !!\n");
printf("\t\t\t Please press any key to return.....\n");
getch();
} else {
char line[50];
int row = 0;
int column = 0;
printf("\t ----------\t\t\t\n");
GOTOXY(52, 2)
printf("COVID STATS");
GOTOXY(37, 3)
printf("----------\n");
GOTOXY(16, 4)
printf("STATE");
GOTOXY(16, 5)
printf("-------");
GOTOXY(53, 4)
printf("ACTIVE");
GOTOXY(53, 5)
printf("--------");
GOTOXY(89, 4)
printf("DEATH");
GOTOXY(89, 5)
printf("-------");
printf("\n\n");
while (fgets(line, sizeof(line), statsfile)) {
char *value;
printf("\t\t");
value = strtok(line, ",");
while (value != NULL){
printf("%-52s", value);
vaccine_help*
0 0
Live Share
Ln 59, Col 2
Spaces: 4
UTF-8
CRLF
C
Go Live
Win32
9:22 PM


File Edit Selection View Go Run Terminal Help
CovidStats.c - Covid-managment-program-C - Visual Studio Code
EXPLORER
OPEN EDITORS
CovidStats.c
COVID-MANAGMENT-PROGRAM-C
.vscode
files
CovidStats.c
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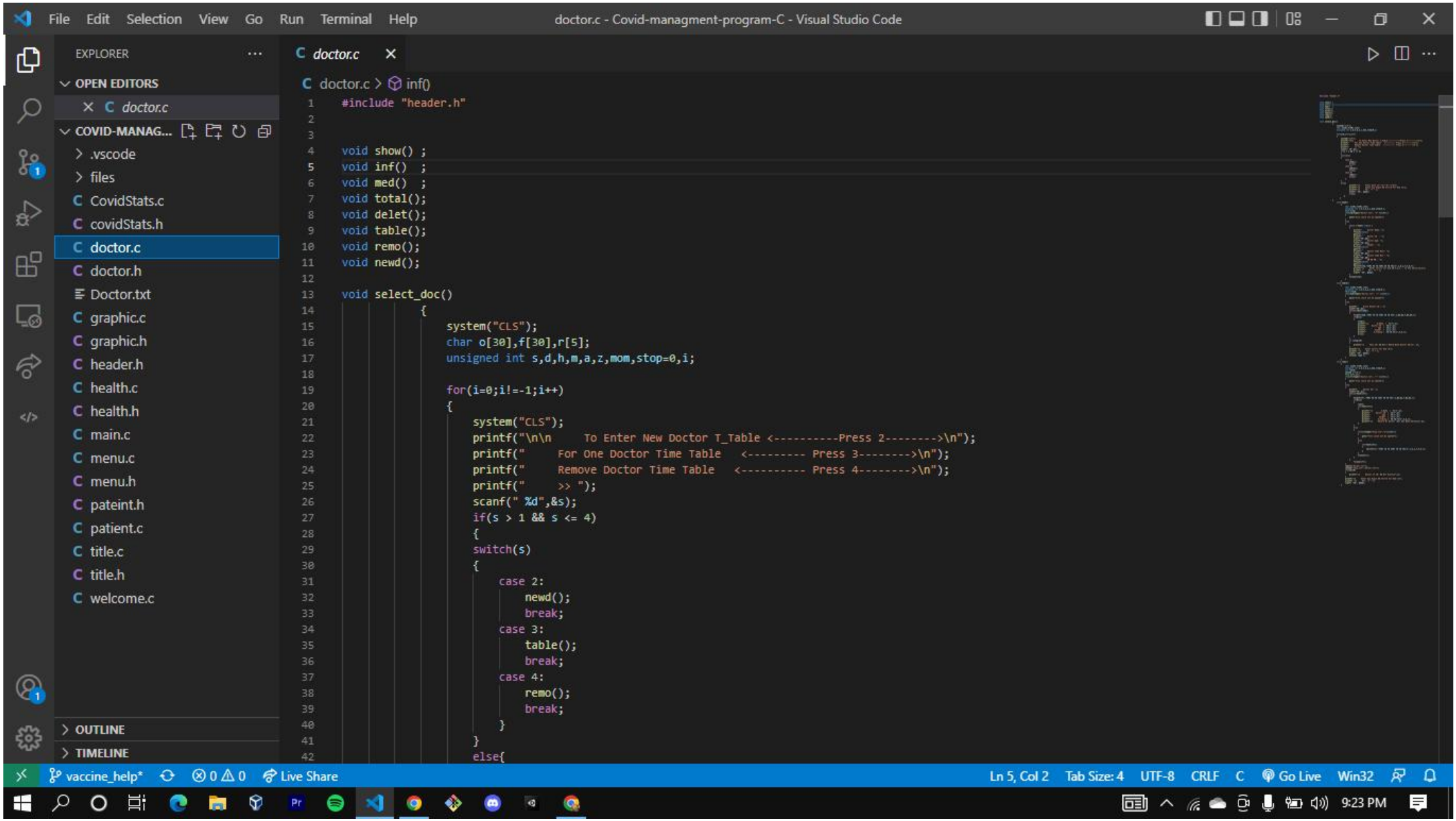
health.h
main.c
menu.c
menu.h
pateint.h
patient.c
title.c
title.h
welcome.c
OUTLINE
TIMELINE
CovidStats.c > covidStats()
GOTOXY(89, 4)
printf("DEATH");
GOTOXY(89, 5)
printf("-------");
printf("\n\n");
while (fgets(line, sizeof(line), statsfile)) {
char *value;
printf("\t\t");
value = strtok(line, ",");
while (value != NULL){
printf("%-52s", value);
value = strtok(NULL, ",");
printf("\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b\b");
}
printf("\n");
}
for(int i = 1; i < 80; ++i){
GOTOXY(10, i); printf("|\n");
}
for(int i = 1; i < 80; ++i){
GOTOXY(100, i); printf("|\n");
}
printf("\t ----------\t\t\t\n");
}
}
vaccine_help*
0 0
Live Share
Ln 59, Col 2
Spaces: 4
UTF-8
CRLF
C
Go Live
Win32
9:22 PM


File Edit Selection View Go Run Terminal Help
doctor.c - Covid-managment-program-C - Visual Studio Code
EXPLORER
OPEN EDITORS
doctor.c
COVID-MANAG...
.vscode
files
CovidStats.c
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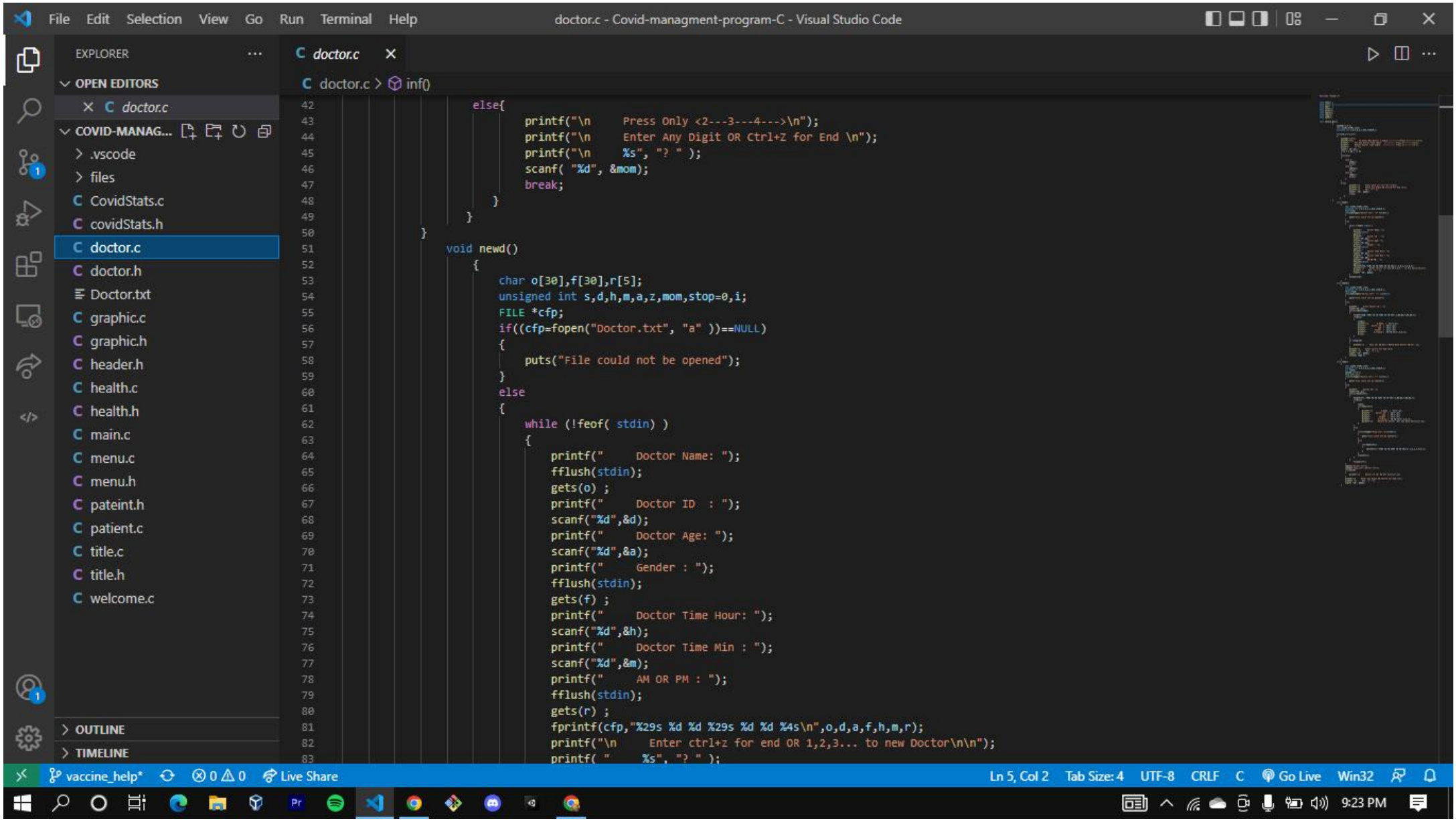
health.h
main.c
menu.c
menu.h
pateint.h
patient.c
title.c
title.h
welcome.c
OUTLINE
TIMELINE
doctor.c > inf()
#include "header.h"
void show() ;
void inf() ;
void med() ;
void total();
void delet();
void table();
void remo();
void newd();
void select_doc()
{
system("CLS");
char o[30],f[30],r[5];
unsigned int s,d,h,m,a,z,mom,stop=0,i;
for(i=0;i!=-1;i++)
{
system("CLS");
printf("\n\n To Enter New Doctor T_Table <----------Press 2-------->\n");
printf(" For One Doctor Time Table <--------- Press 3-------->\n");
printf(" Remove Doctor Time Table <---------- Press 4-------->\n");
printf(" >> ");
scanf(" %d",&s);
if(s > 1 && s <= 4)
{
switch(s)
{
case 2:
newd();
break;
case 3:
table();
break;
case 4:
remo();
break;
}
}
else{
vaccine_help*
0 0
Live Share
Ln 5, Col 2
Tab Size: 4
UTF-8
CRLF
C
Go Live
Win32
9:23 PM


File Edit Selection View Go Run Terminal Help
doctor.c - Covid-managment-program-C - Visual Studio Code
EXPLORER
OPEN EDITORS
doctor.c
COVID-MANAG...
.vscode
files
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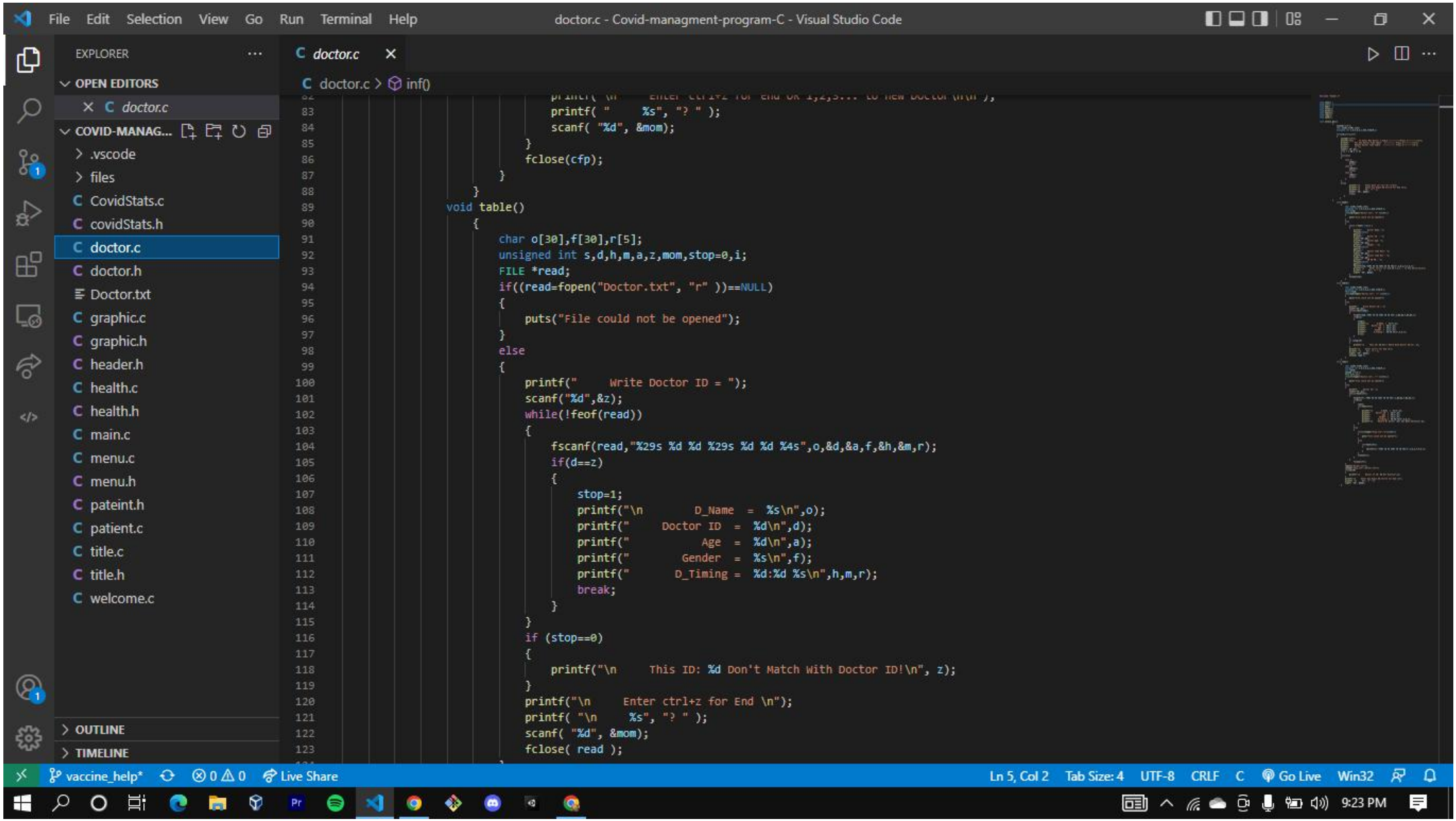
main.c
menu.c
menu.h
pateint.h
patient.c
title.c
title.h
welcome.c
OUTLINE
TIMELINE
doctor.c > inf()
else{
printf("\n Press Only <2---3---4--->\n");
printf("\n Enter Any Digit OR Ctrl+Z for End \n");
printf("\n %s", "? ");
scanf("%d", &mom);
break;
}
}
}
void newd()
{
char o[30],f[30],r[5];
unsigned int s,d,h,m,a,z,mom,stop=0,i;
FILE *cfp;
if((cfp=fopen("Doctor.txt", "a"))==NULL)
{
puts("File could not be opened");
}
else
{
while (!feof(stdin))
{
printf(" Doctor Name: ");
fflush(stdin);
gets(o) ;
printf(" Doctor ID : ");
scanf("%d",&d);
printf(" Doctor Age: ");
scanf("%d",&a);
printf(" Gender : ");
fflush(stdin);
gets(f) ;
printf(" Doctor Time Hour: ");
scanf("%d",&h);
printf(" Doctor Time Min : ");
scanf("%d",&m);
printf(" AM OR PM : ");
fflush(stdin);
gets(r) ;
fprintf(cfp,"%29s %d %d %29s %d %d %4s\n",o,d,a,f,h,m,r);
printf("\n Enter ctrl+z for end OR 1,2,3... to new Doctor\n\n");
printf(" %s", "? ");
vaccine_help*
0 0
Live Share
Ln 5, Col 2
Tab Size: 4
UTF-8
CRLF
C
Go Live
Win32
9:23 PM


File Edit Selection View Go Run Terminal Help
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EXPLORER
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.vscode
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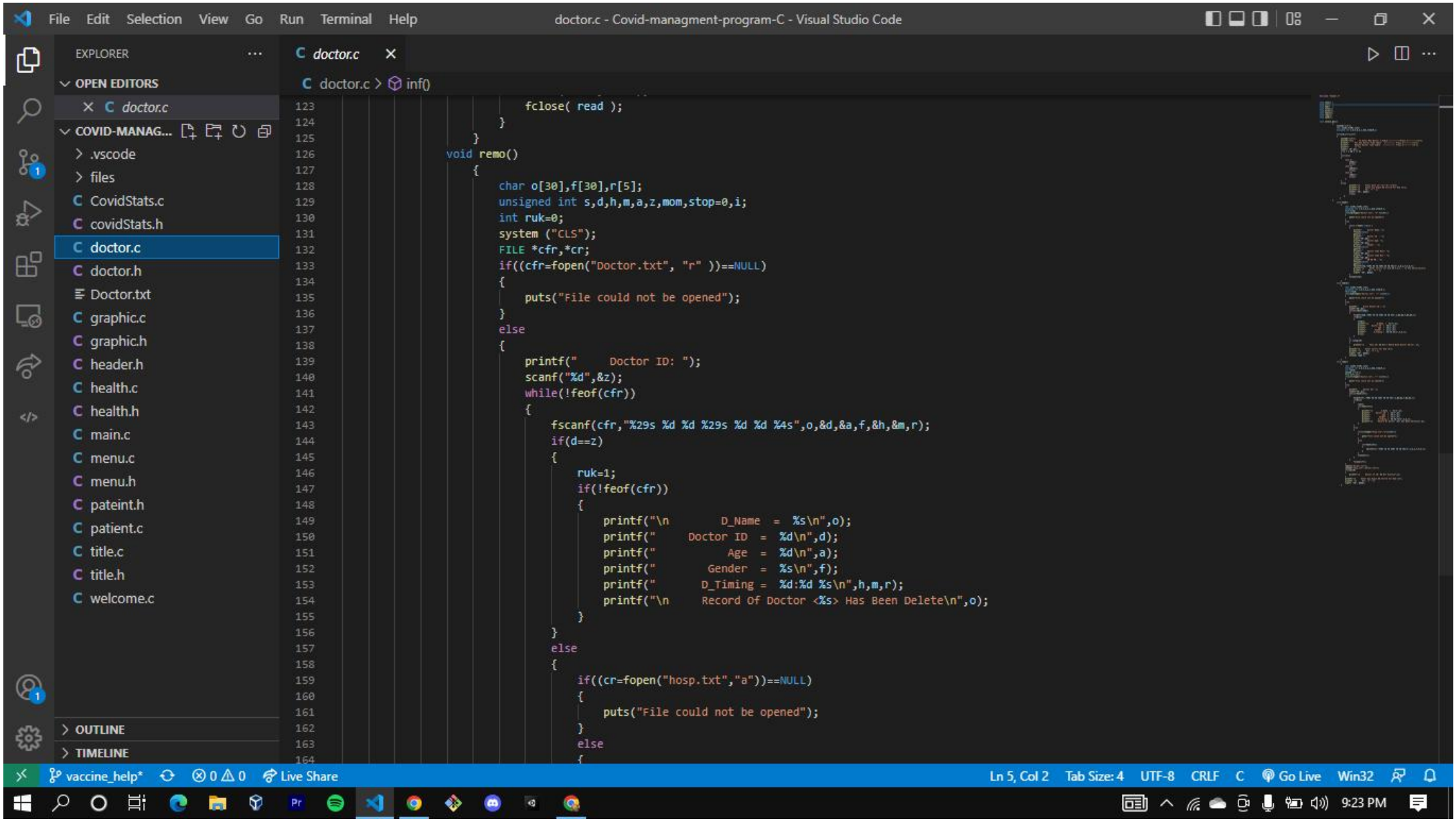
menu.h
pateint.h
patient.c
title.c
title.h
welcome.c
OUTLINE
TIMELINE
doctor.c > inf()
printf(" %s", "? ");
scanf("%d", &mom);
fclose(cfp);
void table()
char o[30],f[30],r[5];
unsigned int s,d,h,m,a,z,mom,stop=0,i;
FILE *read;
if((read=fopen("Doctor.txt", "r"))==NULL)
puts("File could not be opened");
printf(" Write Doctor ID = ");
scanf("%d",&z);
while(!feof(read))
fscanf(read,"%29s %d %d %29s %d %d %4s",o,&d,&a,f,&h,&m,r);
if(d==z)
stop=1;
printf("\n D_Name = %s\n",o);
printf(" Doctor ID = %d\n",d);
printf(" Age = %d\n",a);
printf(" Gender = %s\n",f);
printf(" D_Timing = %d:%d %s\n",h,m,r);
break;
if (stop==0)
printf("\n This ID: %d Don't Match With Doctor ID!\n", z);
printf("\n Enter ctrl+z for End \n");
printf("\n %s", "? ");
scanf("%d", &mom);
fclose(read);
vaccine_help*
0 0
Live Share
Ln 5, Col 2
Tab Size: 4
UTF-8
CRLF
C
Go Live
Win32
9:23 PM


File Edit Selection View Go Run Terminal Help
doctor.c - Covid-managment-program-C - Visual Studio Code
EXPLORER
OPEN EDITORS
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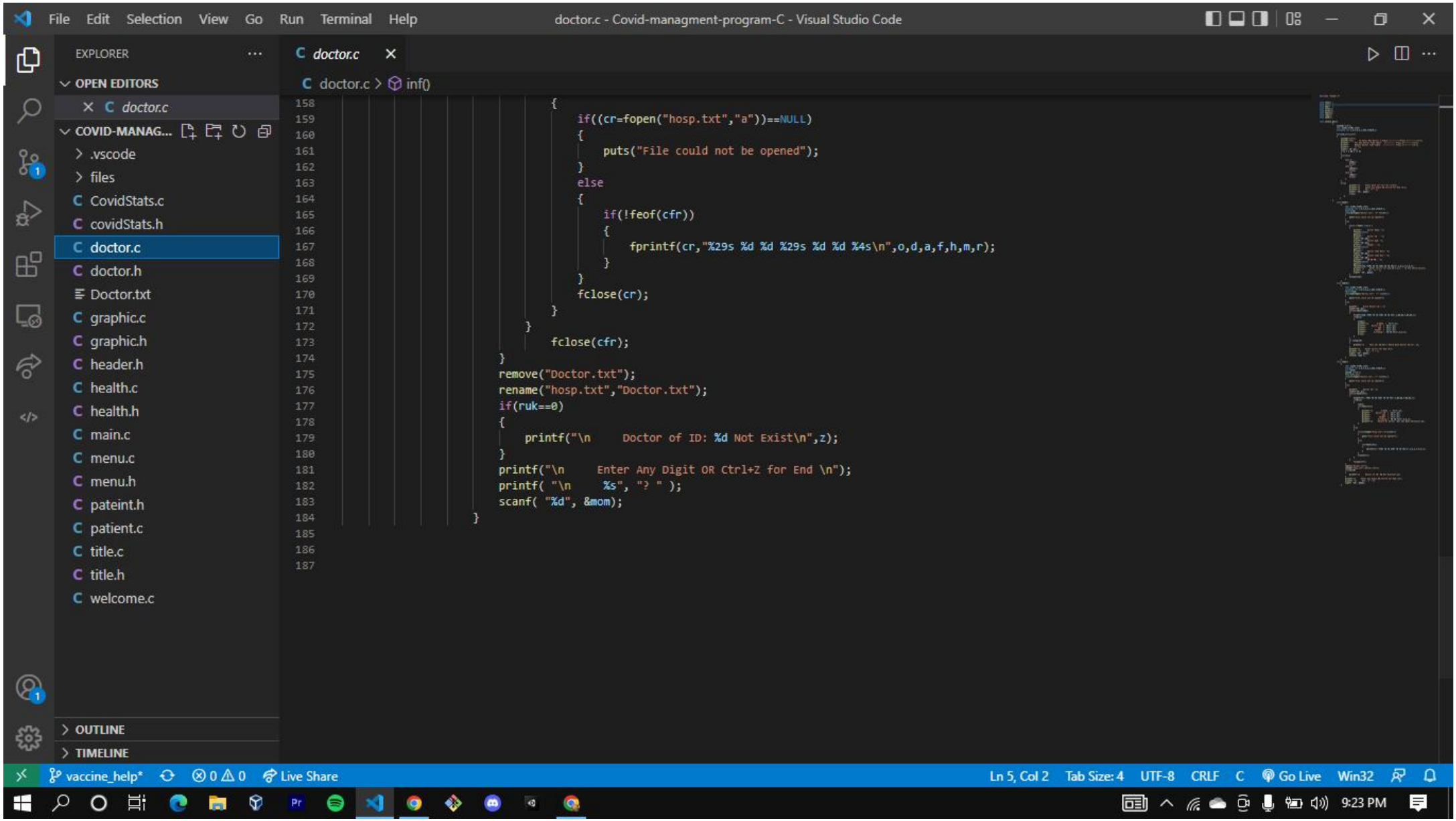
menu.h
pateint.h
patient.c
title.c
title.h
welcome.c
OUTLINE
TIMELINE
doctor.c > inf()
fclose(read);
}
}
void remo()
{
char o[30],f[30],r[5];
unsigned int s,d,h,m,a,z,mom,stop=0,i;
int ruk=0;
system ("CLS");
FILE *cfr,*cr;
if((cfr=fopen("Doctor.txt", "r"))==NULL)
{
puts("File could not be opened");
}
else
{
printf(" Doctor ID: ");
scanf("%d",&z);
while(!feof(cfr))
{
fscanf(cfr,"%29s %d %d %29s %d %d %4s",o,&d,&a,f,&h,&m,r);
if(d==z)
{
ruk=1;
if(!feof(cfr))
{
printf("\n D_Name = %s\n",o);
printf(" Doctor ID = %d\n",d);
printf(" Age = %d\n",a);
printf(" Gender = %s\n",f);
printf(" D_Timing = %d:%d %s\n",h,m,r);
printf("\n Record Of Doctor <%s> Has Been Delete\n",o);
}
}
else
{
if((cr=fopen("hosp.txt","a"))==NULL)
{
puts("File could not be opened");
}
else
{
vaccine_help*
0 0
Live Share
Ln 5, Col 2
Tab Size: 4
UTF-8
CRLF
C
Go Live
Win32
9:23 PM


File Edit Selection View Go Run Terminal Help
doctor.c - Covid-managment-program-C - Visual Studio Code
EXPLORER
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doctor.c
COVID-MANAG...
.vscode
files
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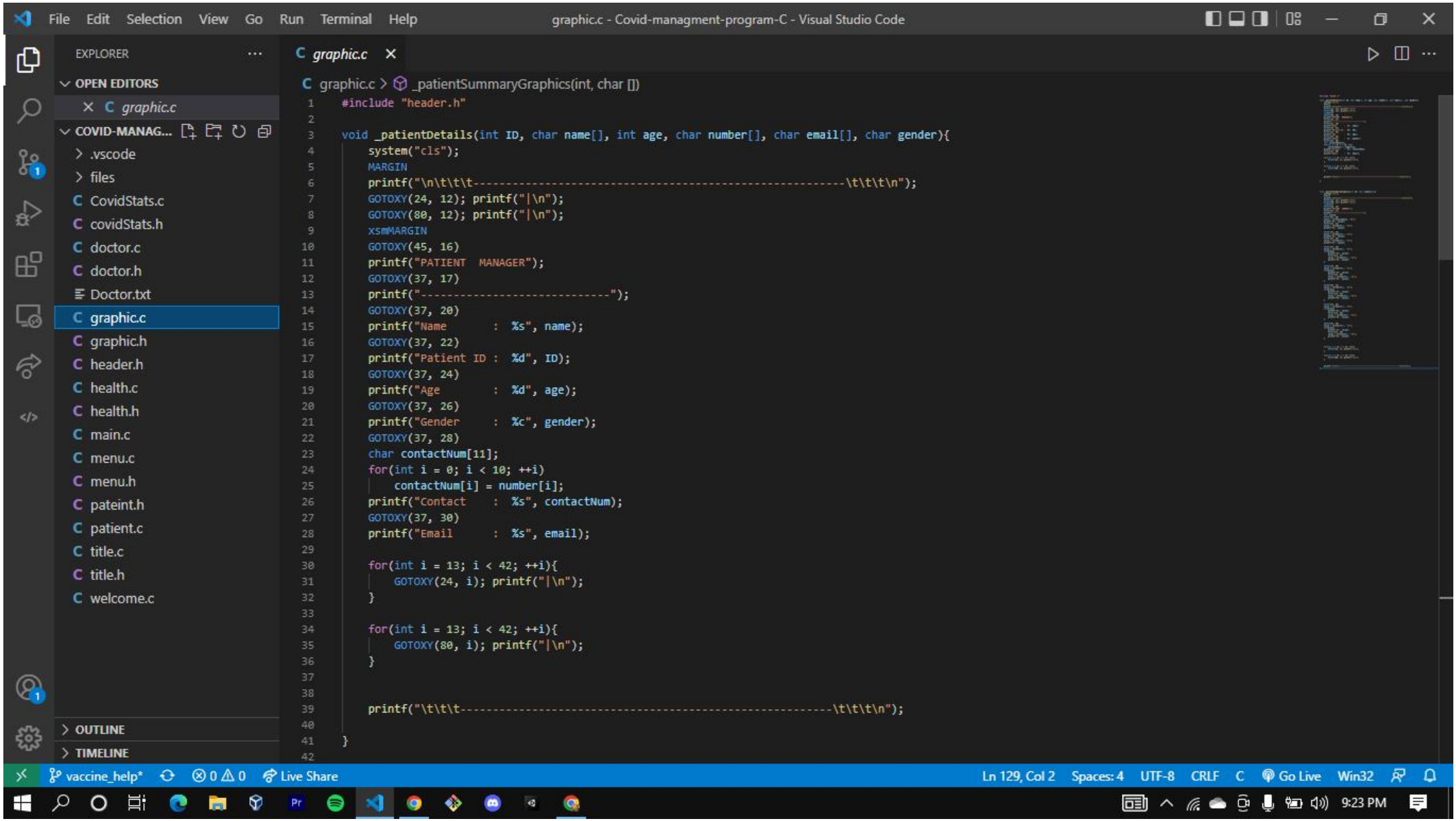
menu.c
menu.h
pateint.h
patient.c
title.c
title.h
welcome.c
OUTLINE
TIMELINE
doctor.c
doctor.c > inf()
158 {
159 if((cr=fopen("hosp.txt","a"))==NULL)
160 {
161 puts("File could not be opened");
162 }
163 else
164 {
165 if(!feof(cfr))
166 {
167 fprintf(cr,"%29s %d %d %29s %d %d %4s\n",o,d,a,f,h,m,r);
168 }
169 }
170 fclose(cr);
171 }
172 }
173 fclose(cfr);
174 }
175 remove("Doctor.txt");
176 rename("hosp.txt","Doctor.txt");
177 if(ruk==0)
178 {
179 printf("\n Doctor of ID: %d Not Exist\n",z);
180 }
181 printf("\n Enter Any Digit OR Ctrl+Z for End \n");
182 printf("\n %s", "? ");
183 scanf("%d", &mom);
184 }
185
186
187
vaccine_help*
0 0
Live Share
Ln 5, Col 2
Tab Size: 4
UTF-8
CRLF
C
Go Live
Win32
9:23 PM


File Edit Selection View Go Run Terminal Help
graphic.c - Covid-managment-program-C - Visual Studio Code
EXPLORER
OPEN EDITORS
graphic.c
COVID-MANAG...
.vscode
files
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covidStats.h
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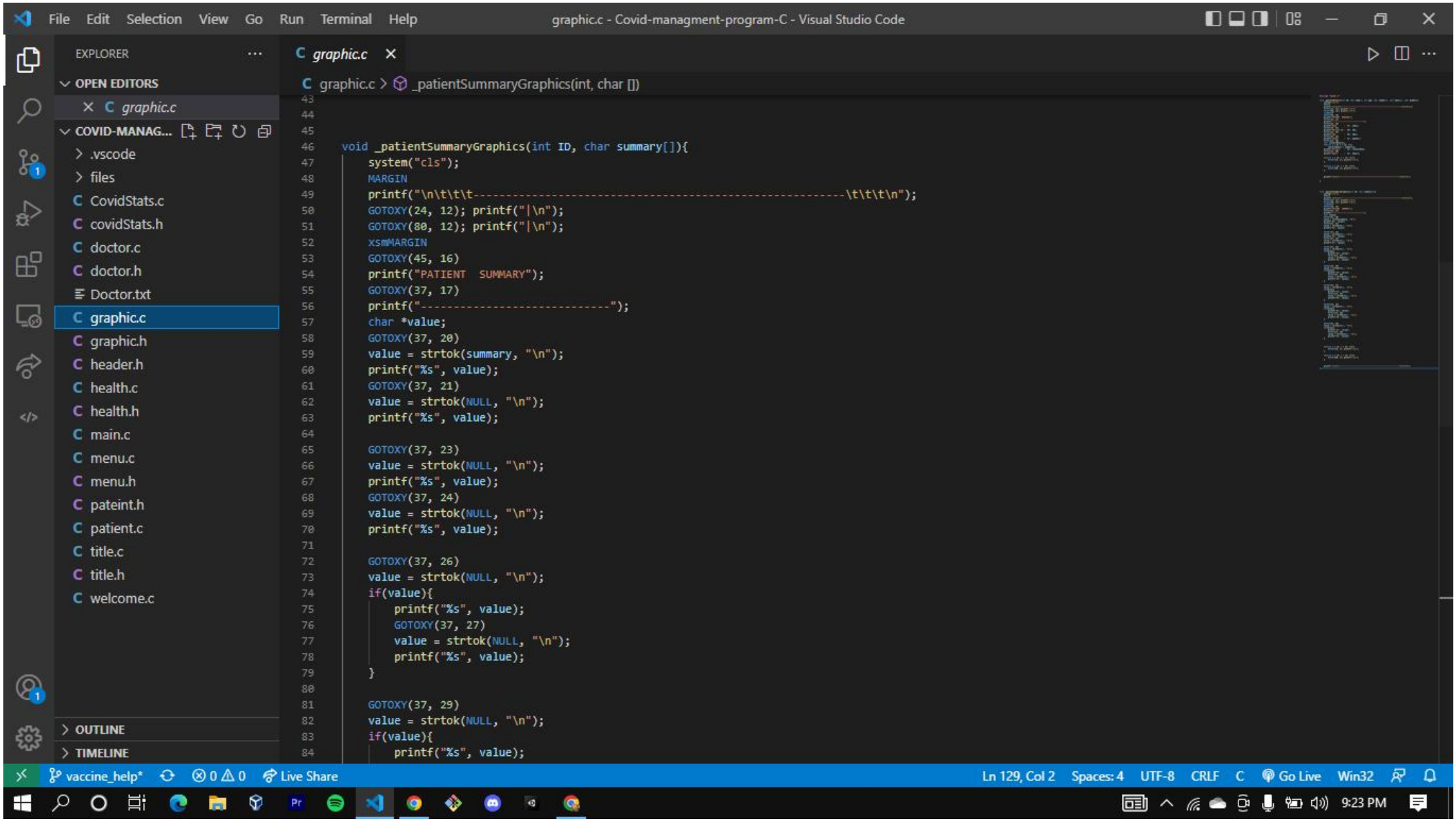
health.h
main.c
menu.c
menu.h
pateint.h
patient.c
title.c
title.h
welcome.c
OUTLINE
TIMELINE
graphic.c
graphic.c > _patientSummaryGraphics(int, char [])
#include "header.h"
void _patientDetails(int ID, char name[], int age, char number[], char email[], char gender){
system("cls");
MARGIN
printf("\n\t\t\t----------\t\t\t\n");
GOTOXY(24, 12); printf("|\n");
GOTOXY(80, 12); printf("|\n");
xsmMARGIN
GOTOXY(45, 16)
printf("PATIENT MANAGER");
GOTOXY(37, 17)
printf("----------");
GOTOXY(37, 20)
printf("Name : %s", name);
GOTOXY(37, 22)
printf("Patient ID : %d", ID);
GOTOXY(37, 24)
printf("Age : %d", age);
GOTOXY(37, 26)
printf("Gender : %c", gender);
GOTOXY(37, 28)
char contactNum[11];
for(int i = 0; i < 10; ++i)
contactNum[i] = number[i];
printf("Contact : %s", contactNum);
GOTOXY(37, 30)
printf("Email : %s", email);
for(int i = 13; i < 42; ++i){
GOTOXY(24, i); printf("|\n");
}
for(int i = 13; i < 42; ++i){
GOTOXY(80, i); printf("|\n");
}
printf("\t\t\t----------\t\t\t\n");
}
vaccine_help*
0 0
Live Share
Ln 129, Col 2
Spaces: 4
UTF-8
CRLF
C
Go Live
Win32
9:23 PM


File Edit Selection View Go Run Terminal Help
graphic.c - Covid-managment-program-C - Visual Studio Code
EXPLORER
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graphic.c
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menu.h
pateint.h
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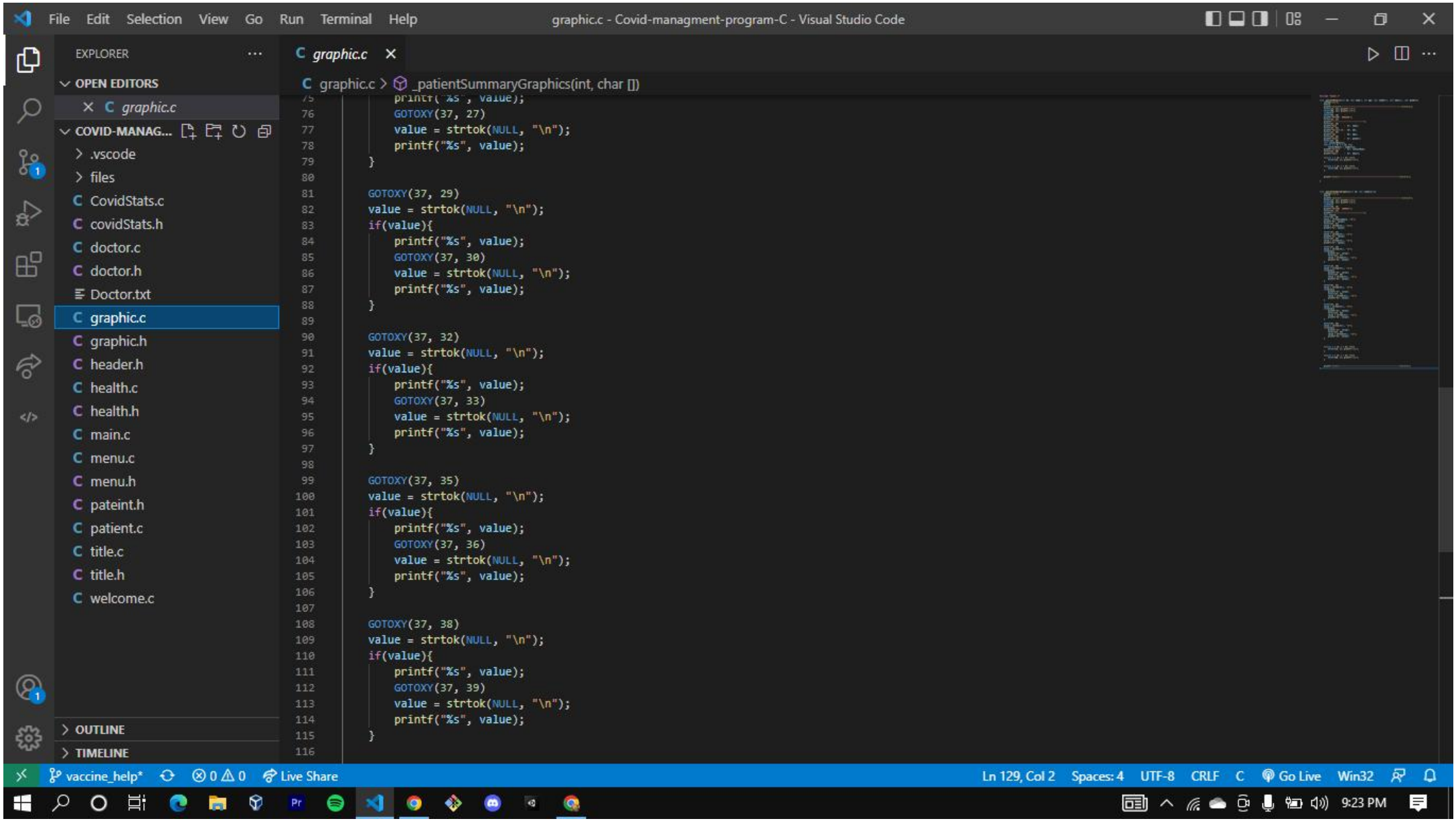
title.c
title.h
welcome.c
OUTLINE
TIMELINE
graphic.c
graphic.c > _patientSummaryGraphics(int, char [])
void _patientSummaryGraphics(int ID, char summary[]){
system("cls");
MARGIN
printf("\n\t\t\t\t----------\t\t\t\n");
GOTOXY(24, 12); printf("|\n");
GOTOXY(80, 12); printf("|\n");
xsmMARGIN
GOTOXY(45, 16)
printf("PATIENT SUMMARY");
GOTOXY(37, 17)
printf("----------");
char *value;
GOTOXY(37, 20)
value = strtok(summary, "\n");
printf("%s", value);
GOTOXY(37, 21)
value = strtok(NULL, "\n");
printf("%s", value);
GOTOXY(37, 23)
value = strtok(NULL, "\n");
printf("%s", value);
GOTOXY(37, 24)
value = strtok(NULL, "\n");
printf("%s", value);
GOTOXY(37, 26)
value = strtok(NULL, "\n");
if(value){
printf("%s", value);
GOTOXY(37, 27)
value = strtok(NULL, "\n");
printf("%s", value);
}
GOTOXY(37, 29)
value = strtok(NULL, "\n");
if(value){
printf("%s", value);
vaccine_help*
0 0
Live Share
Ln 129, Col 2
Spaces: 4
UTF-8
CRLF
C
Go Live
Win32
9:23 PM


File Edit Selection View Go Run Terminal Help
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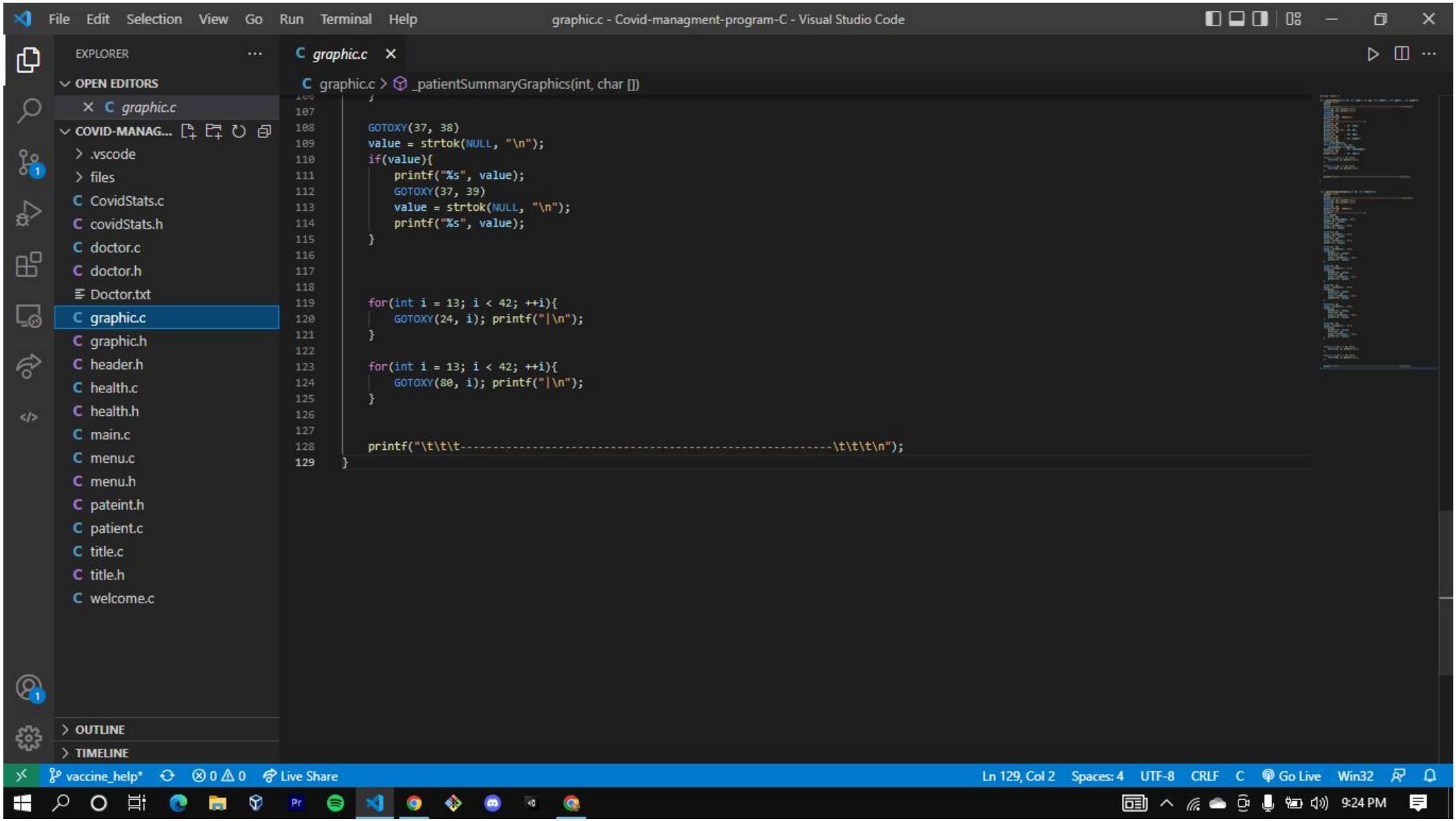
pateint.h
patient.c
title.c
title.h
welcome.c
OUTLINE
TIMELINE
graphic.c
graphic.c > _patientSummaryGraphics(int, char [])
printf("%s", value);
GOTOXY(37, 27)
value = strtok(NULL, "\n");
printf("%s", value);
}
GOTOXY(37, 29)
value = strtok(NULL, "\n");
if(value){
printf("%s", value);
GOTOXY(37, 30)
value = strtok(NULL, "\n");
printf("%s", value);
}
GOTOXY(37, 32)
value = strtok(NULL, "\n");
if(value){
printf("%s", value);
GOTOXY(37, 33)
value = strtok(NULL, "\n");
printf("%s", value);
}
GOTOXY(37, 35)
value = strtok(NULL, "\n");
if(value){
printf("%s", value);
GOTOXY(37, 36)
value = strtok(NULL, "\n");
printf("%s", value);
}
GOTOXY(37, 38)
value = strtok(NULL, "\n");
if(value){
printf("%s", value);
GOTOXY(37, 39)
value = strtok(NULL, "\n");
printf("%s", value);
}
vaccine_help*
0 0
Live Share
Ln 129, Col 2
Spaces: 4
UTF-8
CRLF
C
Go Live
Win32
9:23 PM


File Edit Selection View Go Run Terminal Help
graphic.c - Covid-managment-program-C - Visual Studio Code
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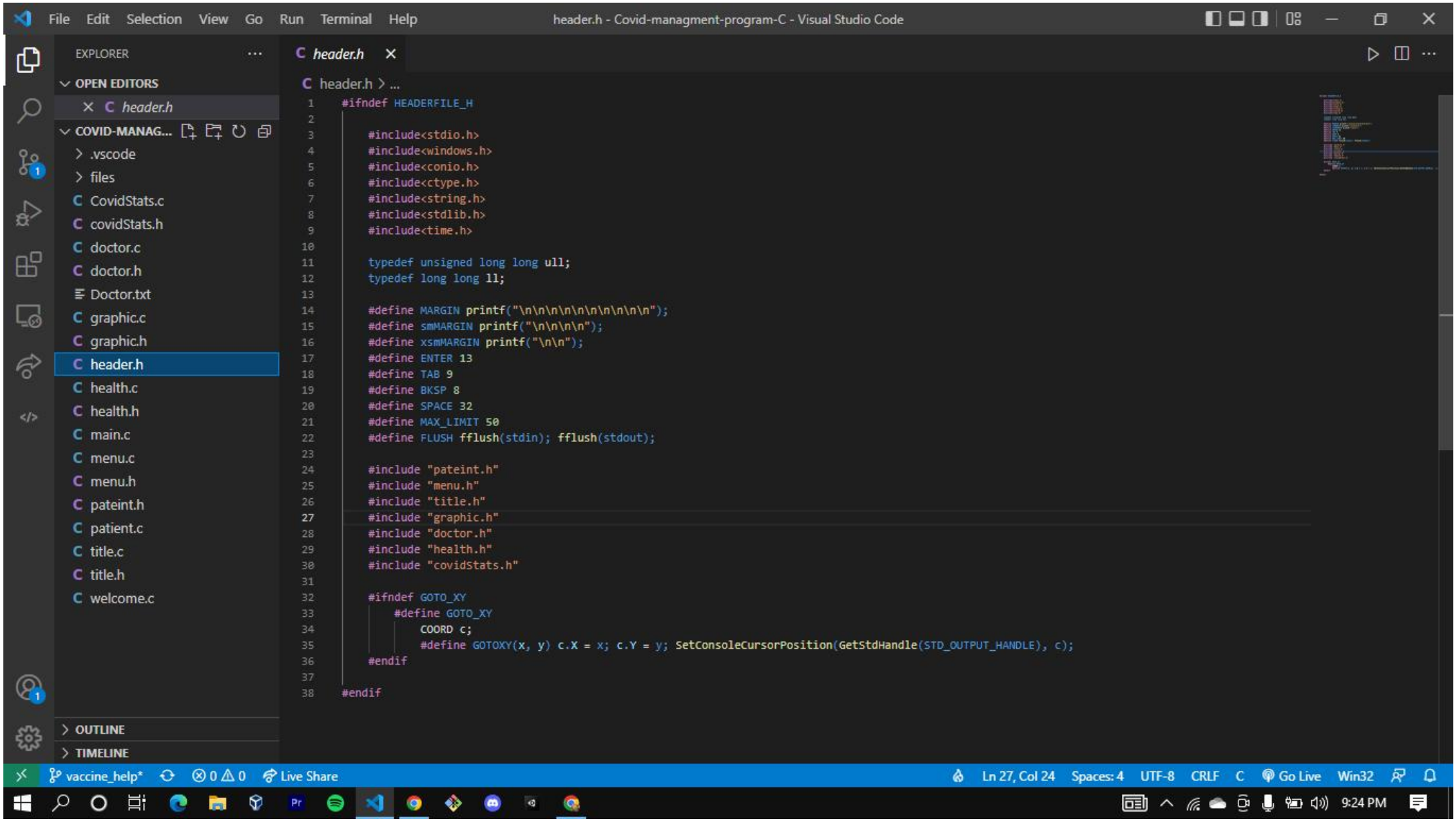
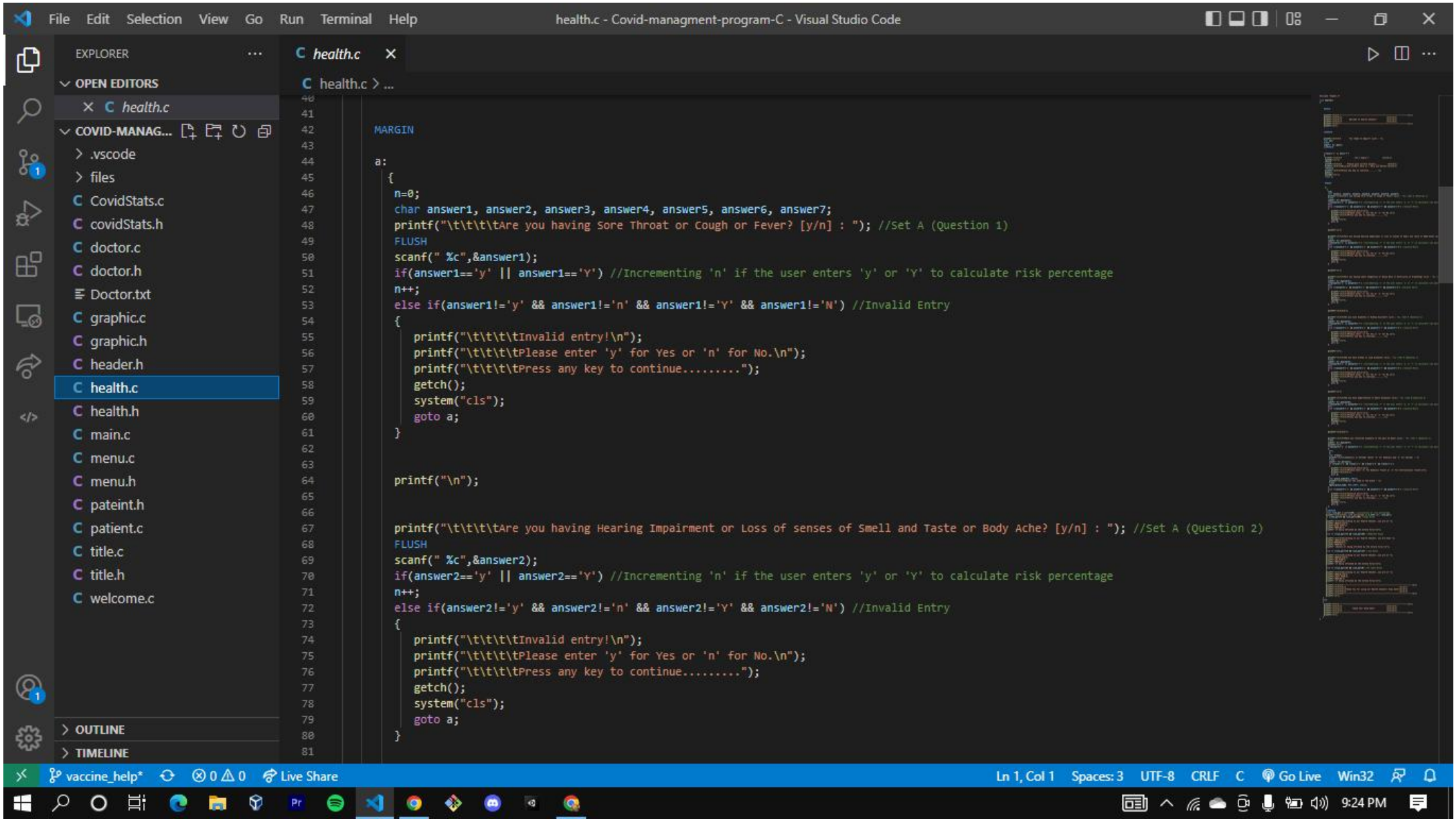
menu.h
pateint.h
patient.c
title.c
title.h
welcome.c
OUTLINE
TIMELINE
graphic.c
graphic.c > _patientSummaryGraphics(int, char [])
107 }
108 GOTOXY(37, 38)
109 value = strtok(NULL, "\n");
110 if(value){
111 printf("%s", value);
112 GOTOXY(37, 39)
113 value = strtok(NULL, "\n");
114 printf("%s", value);
115 }
116
117
118
119 for(int i = 13; i < 42; ++i){
120 GOTOXY(24, i); printf("|\n");
121 }
122
123 for(int i = 13; i < 42; ++i){
124 GOTOXY(80, i); printf("|\n");
125 }
126
127
128 printf("\t\t\t----------\t\t\t\n");
129 }
vaccine_help*
0 0
Live Share
Ln 129, Col 2
Spaces: 4
UTF-8
CRLF
C
Go Live
Win32
9:24 PM


File Edit Selection View Go Run Terminal Help
header.h - Covid-managment-program-C - Visual Studio Code
EXPLORER
OPEN EDITORS
header.h
COVID-MANAG...
.vscode
files
CovidStats.c
covidStats.h
doctor.c
doctor.h
Doctor.txt
graphic.c
graphic.h
header.h
health.c
health.h
main.c
menu.c
menu.h
pateint.h
patient.c
title.c
title.h
welcome.c
OUTLINE
TIMELINE
header.h
header.h > ...
#ifndef HEADERFILE_H
#include<stdio.h>
#include<windows.h>
#include<conio.h>
#include<ctype.h>
#include<string.h>
#include<stdlib.h>
#include<time.h>
typedef unsigned long long ull;
typedef long long ll;
#define MARGIN printf("\n\n\n\n\n\n\n\n\n\n");
#define smMARGIN printf("\n\n\n\n");
#define xsmMARGIN printf("\n\n");
#define ENTER 13
#define TAB 9
#define BKSP 8
#define SPACE 32
#define MAX_LIMIT 50
#define FLUSH fflush(stdin); fflush(stdout);
#include "pateint.h"
#include "menu.h"
#include "title.h"
#include "graphic.h"
#include "doctor.h"
#include "health.h"
#include "covidStats.h"
#ifndef GOTO_XY
#define GOTO_XY
COORD c;
#define GOTOXY(x, y) c.X = x; c.Y = y; SetConsoleCursorPosition(GetStdHandle(STD_OUTPUT_HANDLE), c);
#endif
#endif
vaccine_help*
0 0
Live Share
Ln 27, Col 24
Spaces: 4
UTF-8
CRLF
C
Go Live
Win32
9:24 PM

health.c

```c
#include "header.h"

void health()
{

    MARGIN


    printf("\t\t\t------------------------------------------------------------------\n");
    printf("\t\t\t|\t                                          \t\t|\n");
    printf("\t\t\t|\t      Welcome to Health Checker!          \t\t|\n");
    printf("\t\t\t|\t                                          \t\t|\n");
    printf("\t\t\t------------------------------------------------------------------\n");
    printf("\n");


    smMARGIN


    printf("\t\t\t\t       You ready to begin!? [y/n] : ");
    char ans;
    FLUSH
    scanf(" %c",&ans);
    xsmMARGIN


    if(ans=='y' || ans=='Y')
    {
     printf("\t\t\t\t           Let's begin!!!           \t\t\n");
     system("cls");
     MARGIN
     printf("\t\t\t\t     Please give correct answers.....      \t\t\n");
     printf("\t\t\t\tAccurate answers help us - help you better!\t\t\n");
     smMARGIN
     printf("\t\t\t\tPress any key to continue.........");
     getch();
     system("cls");
     float n;


     MARGIN
```


File Edit Selection View Go Run Terminal Help
health.c - Covid-managment-program-C - Visual Studio Code
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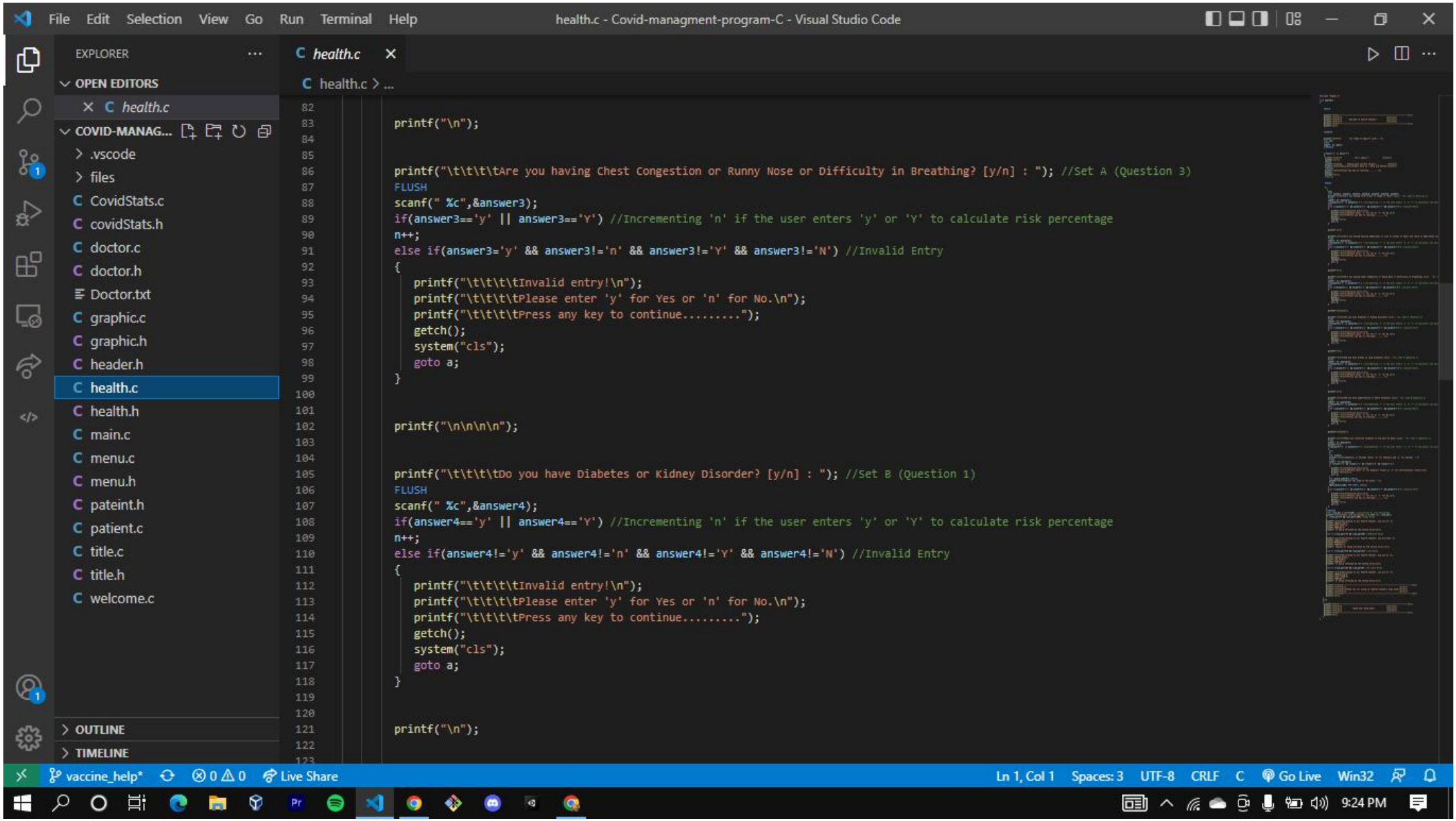
health.h
main.c
menu.c
menu.h
pateint.h
patient.c
title.c
title.h
welcome.c
OUTLINE
TIMELINE
health.c > ...
MARGIN
a:
{
n=0;
char answer1, answer2, answer3, answer4, answer5, answer6, answer7;
printf("\t\t\t\tAre you having Sore Throat or Cough or Fever? [y/n] : "); //Set A (Question 1)
FLUSH
scanf(" %c",&answer1);
if(answer1=='y' || answer1=='Y') //Incrementing 'n' if the user enters 'y' or 'Y' to calculate risk percentage
n++;
else if(answer1!='y' && answer1!='n' && answer1!='Y' && answer1!='N') //Invalid Entry
{
printf("\t\t\t\tInvalid entry!\n");
printf("\t\t\t\tPlease enter 'y' for Yes or 'n' for No.\n");
printf("\t\t\t\tPress any key to continue.....");
getch();
system("cls");
goto a;
}
printf("\n");
printf("\t\t\t\tAre you having Hearing Impairment or Loss of senses of Smell and Taste or Body Ache? [y/n] : "); //Set A (Question 2)
FLUSH
scanf(" %c",&answer2);
if(answer2=='y' || answer2=='Y') //Incrementing 'n' if the user enters 'y' or 'Y' to calculate risk percentage
n++;
else if(answer2!='y' && answer2!='n' && answer2!='Y' && answer2!='N') //Invalid Entry
{
printf("\t\t\t\tInvalid entry!\n");
printf("\t\t\t\tPlease enter 'y' for Yes or 'n' for No.\n");
printf("\t\t\t\tPress any key to continue.....");
getch();
system("cls");
goto a;
}
vaccine_help*
0 0
Live Share
Ln 1, Col 1
Spaces: 3
UTF-8
CRLF
C
Go Live
Win32
9:24 PM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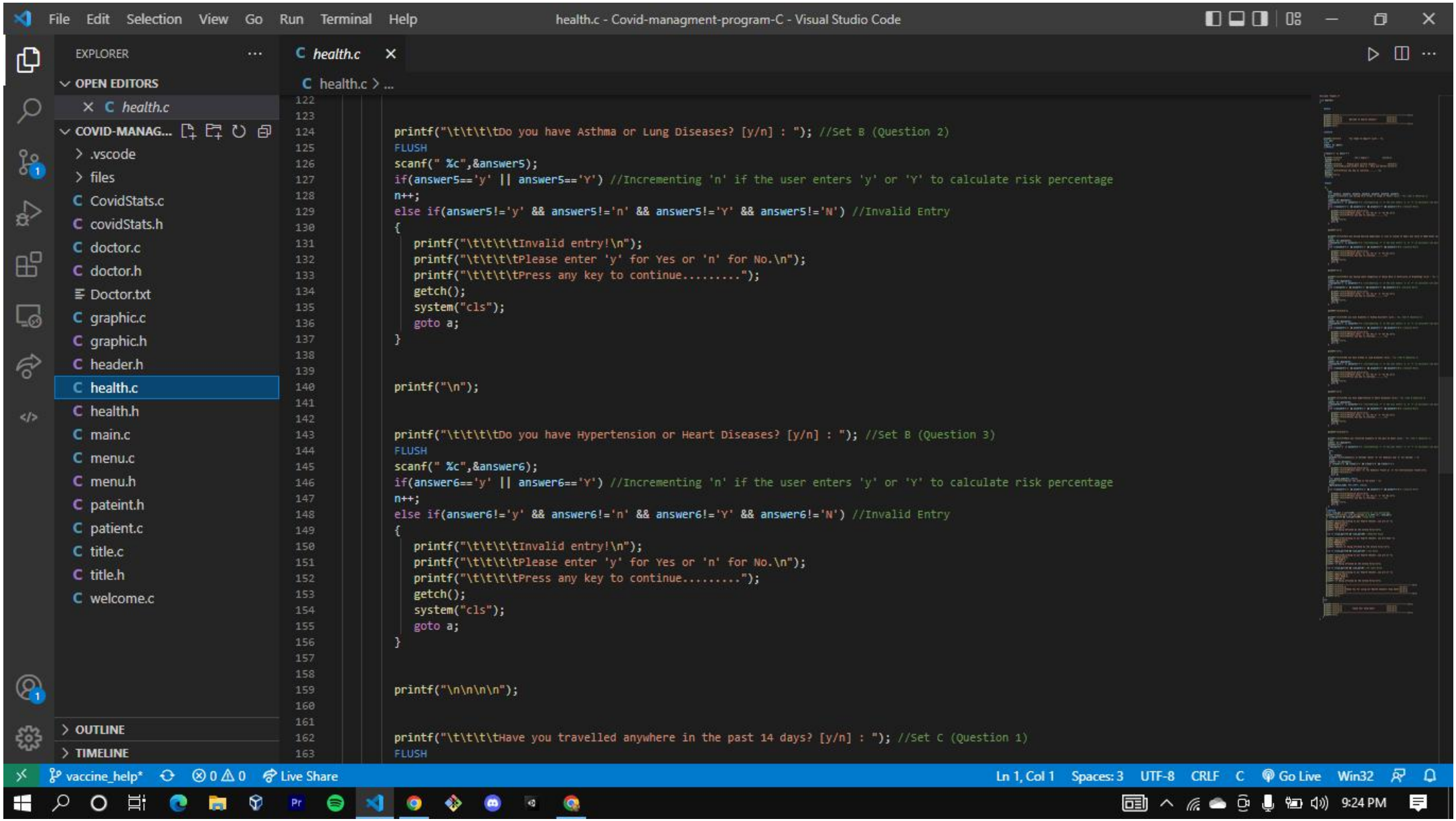
menu.h
pateint.h
patient.c
title.c
title.h
welcome.c
OUTLINE
TIMELINE
health.c > ...
printf("\n");
printf("\t\t\t\tAre you having Chest Congestion or Runny Nose or Difficulty in Breathing? [y/n] : "); //Set A (Question 3)
FLUSH
scanf(" %c",&answer3);
if(answer3=='y' || answer3=='Y') //Incrementing 'n' if the user enters 'y' or 'Y' to calculate risk percentage
n++;
else if(answer3='y' && answer3!='n' && answer3!='Y' && answer3!='N') //Invalid Entry
{
printf("\t\t\t\tInvalid entry!\n");
printf("\t\t\t\tPlease enter 'y' for Yes or 'n' for No.\n");
printf("\t\t\t\tPress any key to continue.....");
getch();
system("cls");
goto a;
}
printf("\n\n\n\n");
printf("\t\t\t\tDo you have Diabetes or Kidney Disorder? [y/n] : "); //Set B (Question 1)
FLUSH
scanf(" %c",&answer4);
if(answer4=='y' || answer4=='Y') //Incrementing 'n' if the user enters 'y' or 'Y' to calculate risk percentage
n++;
else if(answer4!='y' && answer4!='n' && answer4!='Y' && answer4!='N') //Invalid Entry
{
printf("\t\t\t\tInvalid entry!\n");
printf("\t\t\t\tPlease enter 'y' for Yes or 'n' for No.\n");
printf("\t\t\t\tPress any key to continue.....");
getch();
system("cls");
goto a;
}
printf("\n");
vaccine_help*
0 0
Live Share
Ln 1, Col 1
Spaces: 3
UTF-8
CRLF
C
Go Live
Win32
9:24 PM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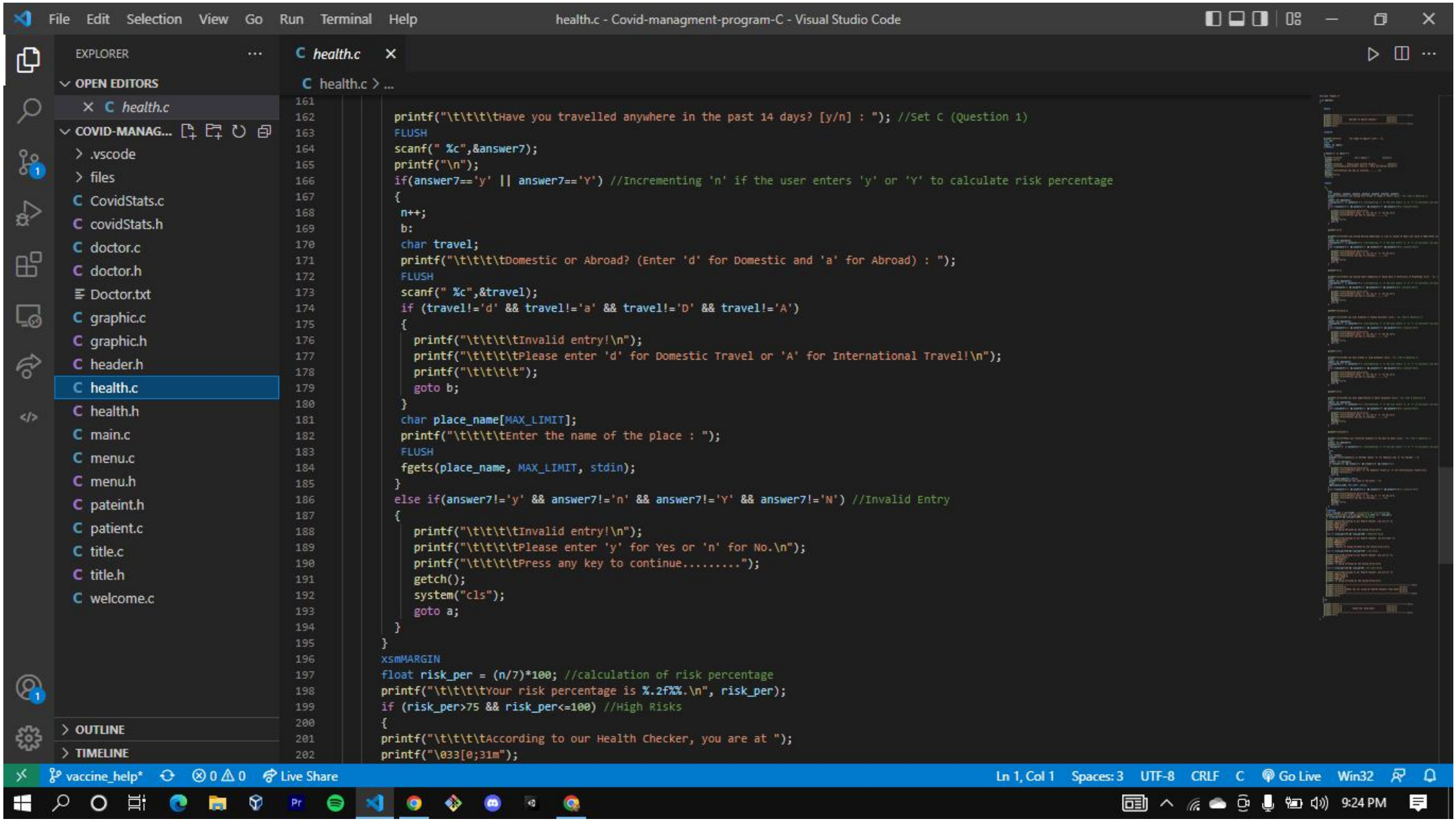
title.h
welcome.c
OUTLINE
TIMELINE
health.c > ...
printf("\t\t\t\tDo you have Asthma or Lung Diseases? [y/n] : "); //Set B (Question 2)
FLUSH
scanf(" %c",&answer5);
if(answer5=='y' || answer5=='Y') //Incrementing 'n' if the user enters 'y' or 'Y' to calculate risk percentage
n++;
else if(answer5!='y' && answer5!='n' && answer5!='Y' && answer5!='N') //Invalid Entry
{
printf("\t\t\t\tInvalid entry!\n");
printf("\t\t\t\tPlease enter 'y' for Yes or 'n' for No.\n");
printf("\t\t\t\tPress any key to continue.....");
getch();
system("cls");
goto a;
}
printf("\n");
printf("\t\t\t\tDo you have Hypertension or Heart Diseases? [y/n] : "); //Set B (Question 3)
FLUSH
scanf(" %c",&answer6);
if(answer6=='y' || answer6=='Y') //Incrementing 'n' if the user enters 'y' or 'Y' to calculate risk percentage
n++;
else if(answer6!='y' && answer6!='n' && answer6!='Y' && answer6!='N') //Invalid Entry
{
printf("\t\t\t\tInvalid entry!\n");
printf("\t\t\t\tPlease enter 'y' for Yes or 'n' for No.\n");
printf("\t\t\t\tPress any key to continue.....");
getch();
system("cls");
goto a;
}
printf("\n\n\n\n");
printf("\t\t\t\tHave you travelled anywhere in the past 14 days? [y/n] : "); //Set C (Question 1)
FLUSH
vaccine_help*
0 0
Live Share
Ln 1, Col 1
Spaces: 3
UTF-8
CRLF
C
Go Live
Win32
9:24 PM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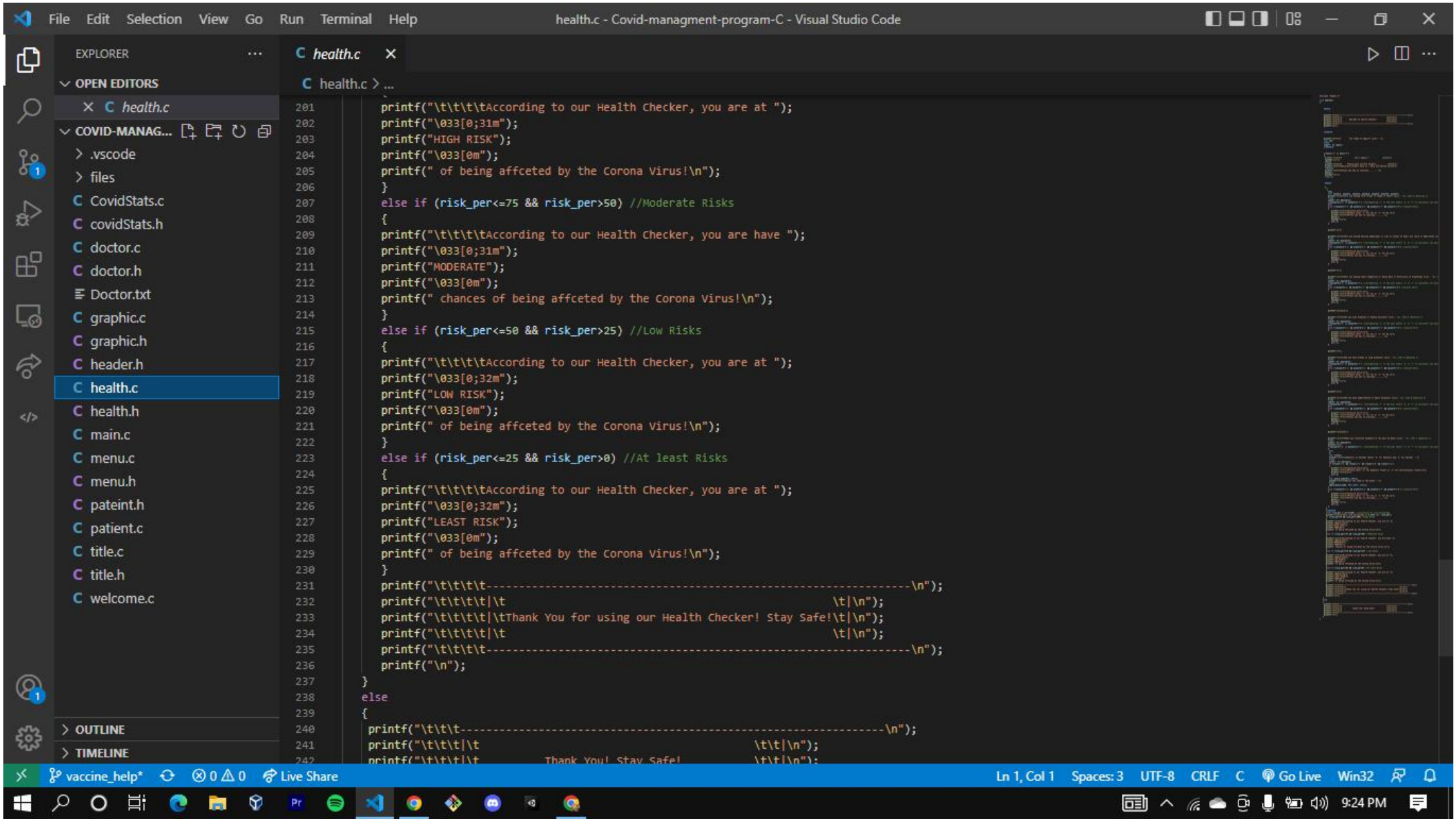
title.h
welcome.c
OUTLINE
TIMELINE
health.c > ...
printf("\t\t\t\tHave you travelled anywhere in the past 14 days? [y/n] : "); //Set C (Question 1)
FLUSH
scanf(" %c",&answer7);
printf("\n");
if(answer7=='y' || answer7=='Y') //Incrementing 'n' if the user enters 'y' or 'Y' to calculate risk percentage
{
n++;
b:
char travel;
printf("\t\t\t\tDomestic or Abroad? (Enter 'd' for Domestic and 'a' for Abroad) : ");
FLUSH
scanf(" %c",&travel);
if (travel!='d' && travel!='a' && travel!='D' && travel!='A')
{
printf("\t\t\t\tInvalid entry!\n");
printf("\t\t\t\tPlease enter 'd' for Domestic Travel or 'A' for International Travel!\n");
printf("\t\t\t\t");
goto b;
}
char place_name[MAX_LIMIT];
printf("\t\t\t\tEnter the name of the place : ");
FLUSH
fgets(place_name, MAX_LIMIT, stdin);
}
else if(answer7!='y' && answer7!='n' && answer7!='Y' && answer7!='N') //Invalid Entry
{
printf("\t\t\t\tInvalid entry!\n");
printf("\t\t\t\tPlease enter 'y' for Yes or 'n' for No.\n");
printf("\t\t\t\tPress any key to continue.....");
getch();
system("cls");
goto a;
}
}
xsmMARGIN
float risk_per = (n/7)*100; //calculation of risk percentage
printf("\t\t\t\tYour risk percentage is %.2f%%.\n", risk_per);
if (risk_per>75 && risk_per<=100) //High Risks
{
printf("\t\t\t\tAccording to our Health Checker, you are at ");
printf("\033[0;31m");
vaccine_help*
Live Share
Ln 1, Col 1
Spaces: 3
UTF-8
CRLF
C
Go Live
Win32
9:24 PM


File Edit Selection View Go Run Terminal Help
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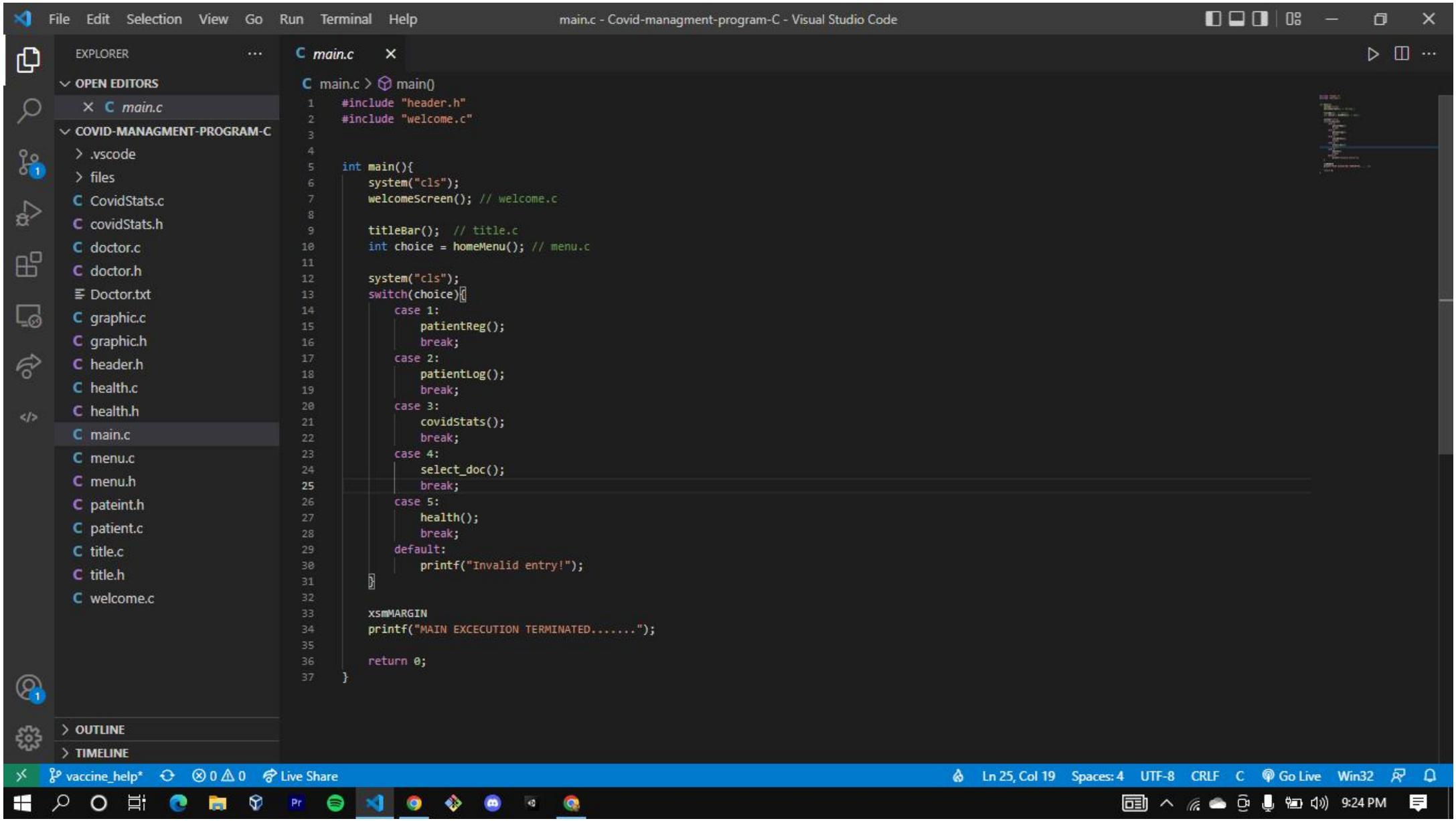
pateint.h
patient.c
title.c
title.h
welcome.c
OUTLINE
TIMELINE
health.c > ...
printf("\t\t\t\tAccording to our Health Checker, you are at ");
printf("\033[0;31m");
printf("HIGH RISK");
printf("\033[0m");
printf(" of being affceted by the Corona Virus!\n");
}
else if (risk_per<=75 && risk_per>50) //Moderate Risks
{
printf("\t\t\t\tAccording to our Health Checker, you are have ");
printf("\033[0;31m");
printf("MODERATE");
printf("\033[0m");
printf(" chances of being affceted by the Corona Virus!\n");
}
else if (risk_per<=50 && risk_per>25) //Low Risks
{
printf("\t\t\t\tAccording to our Health Checker, you are at ");
printf("\033[0;32m");
printf("LOW RISK");
printf("\033[0m");
printf(" of being affceted by the Corona Virus!\n");
}
else if (risk_per<=25 && risk_per>0) //At least Risks
{
printf("\t\t\t\tAccording to our Health Checker, you are at ");
printf("\033[0;32m");
printf("LEAST RISK");
printf("\033[0m");
printf(" of being affceted by the Corona Virus!\n");
}
printf("\t\t\t\t----------\n");
printf("\t\t\t\t|\t \t|\n");
printf("\t\t\t\t|\tThank You for using our Health Checker! Stay Safe!\t|\n");
printf("\t\t\t\t|\t \t|\n");
printf("\t\t\t\t----------\n");
printf("\n");
}
else
{
printf("\t\t\t----------\n");
printf("\t\t\t|\t \t\t|\n");
vaccine_help*
0 0
Live Share
Ln 1, Col 1
Spaces: 3
UTF-8
CRLF
C
Go Live
Win32
9:24 PM


File Edit Selection View Go Run Terminal Help
main.c - Covid-managment-program-C - Visual Studio Code
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header.h
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health.h
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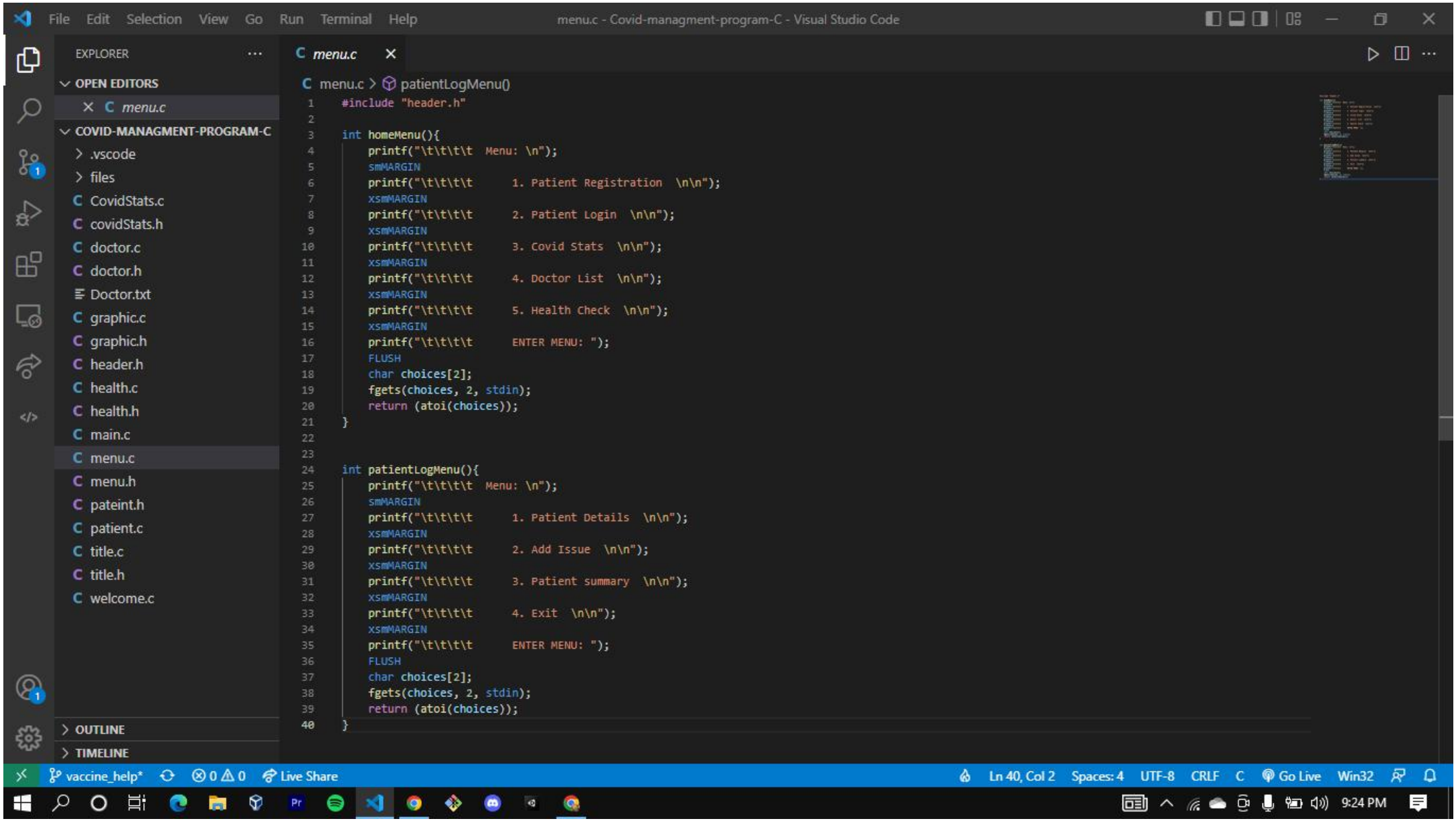
menu.h
pateint.h
patient.c
title.c
title.h
welcome.c
OUTLINE
TIMELINE
main.c > main()
#include "header.h"
#include "welcome.c"
int main(){
system("cls");
welcomeScreen(); // welcome.c
titleBar(); // title.c
int choice = homeMenu(); // menu.c
system("cls");
switch(choice){
case 1:
patientReg();
break;
case 2:
patientLog();
break;
case 3:
covidStats();
break;
case 4:
select_doc();
break;
case 5:
health();
break;
default:
printf("Invalid entry!");
}
xsmMARGIN
printf("MAIN EXCECUTION TERMINATED.....");
return 0;
}
vaccine_help*
0 0
Live Share
Ln 25, Col 19
Spaces: 4
UTF-8
CRLF
C
Go Live
Win32
9:24 PM


File Edit Selection View Go Run Terminal Help
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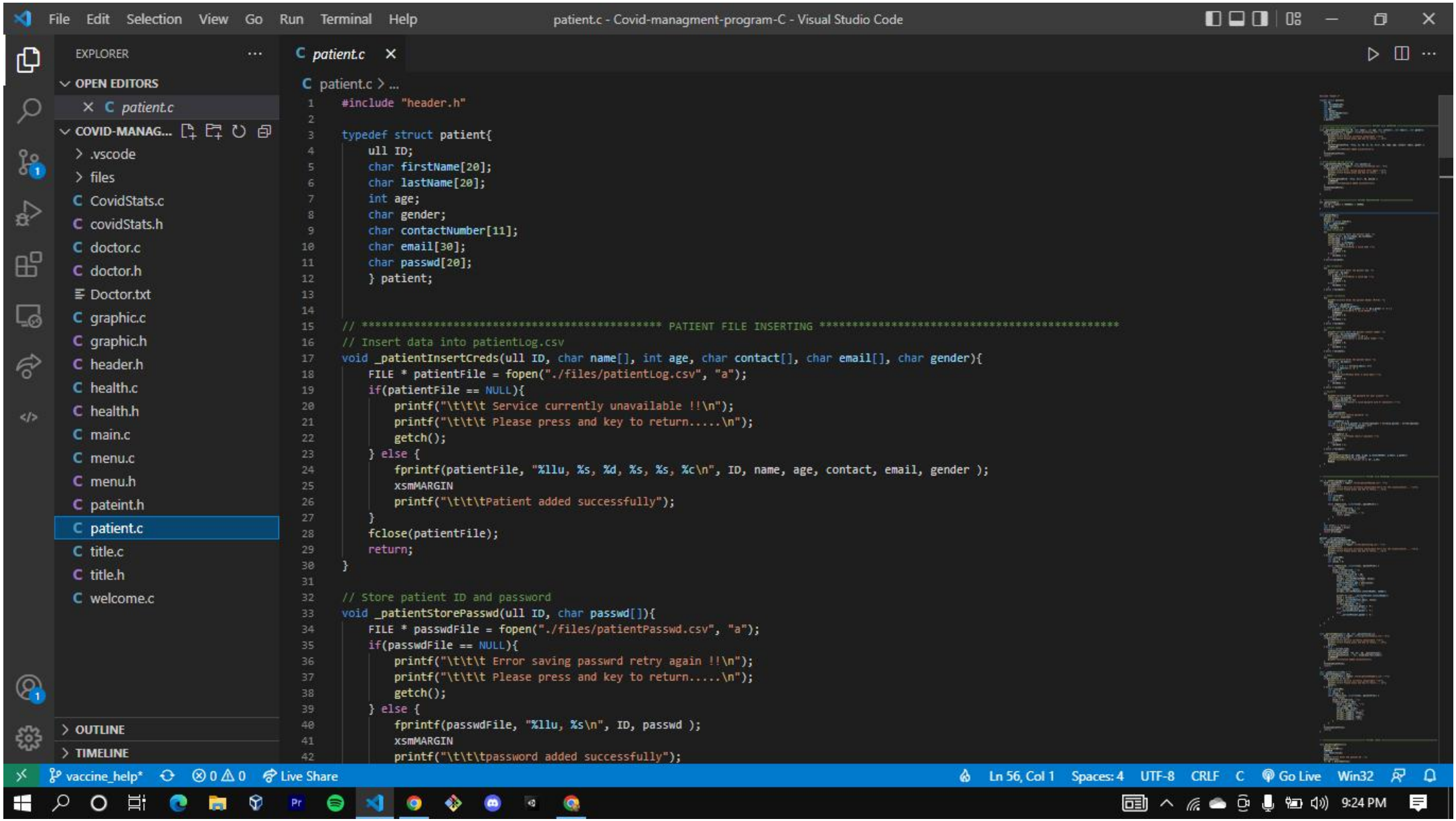
menu.h
pateint.h
patient.c
title.c
title.h
welcome.c
OUTLINE
TIMELINE
menu.c > patientLogMenu()
#include "header.h"
int homeMenu(){
printf("\t\t\t\t Menu: \n");
smMARGIN
printf("\t\t\t\t 1. Patient Registration \n\n");
xsmMARGIN
printf("\t\t\t\t 2. Patient Login \n\n");
xsmMARGIN
printf("\t\t\t\t 3. Covid Stats \n\n");
xsmMARGIN
printf("\t\t\t\t 4. Doctor List \n\n");
xsmMARGIN
printf("\t\t\t\t 5. Health Check \n\n");
xsmMARGIN
printf("\t\t\t\t ENTER MENU: ");
FLUSH
char choices[2];
fgets(choices, 2, stdin);
return (atoi(choices));
}
int patientLogMenu(){
printf("\t\t\t\t Menu: \n");
smMARGIN
printf("\t\t\t\t 1. Patient Details \n\n");
xsmMARGIN
printf("\t\t\t\t 2. Add Issue \n\n");
xsmMARGIN
printf("\t\t\t\t 3. Patient summary \n\n");
xsmMARGIN
printf("\t\t\t\t 4. Exit \n\n");
xsmMARGIN
printf("\t\t\t\t ENTER MENU: ");
FLUSH
char choices[2];
fgets(choices, 2, stdin);
return (atoi(choices));
}
vaccine_help* 0 0 Live Share
Ln 40, Col 2 Spaces: 4 UTF-8 CRLF C Go Live Win32
9:24 PM


File Edit Selection View Go Run Terminal Help
patient.c - Covid-managment-program-C - Visual Studio Code
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pateint.h
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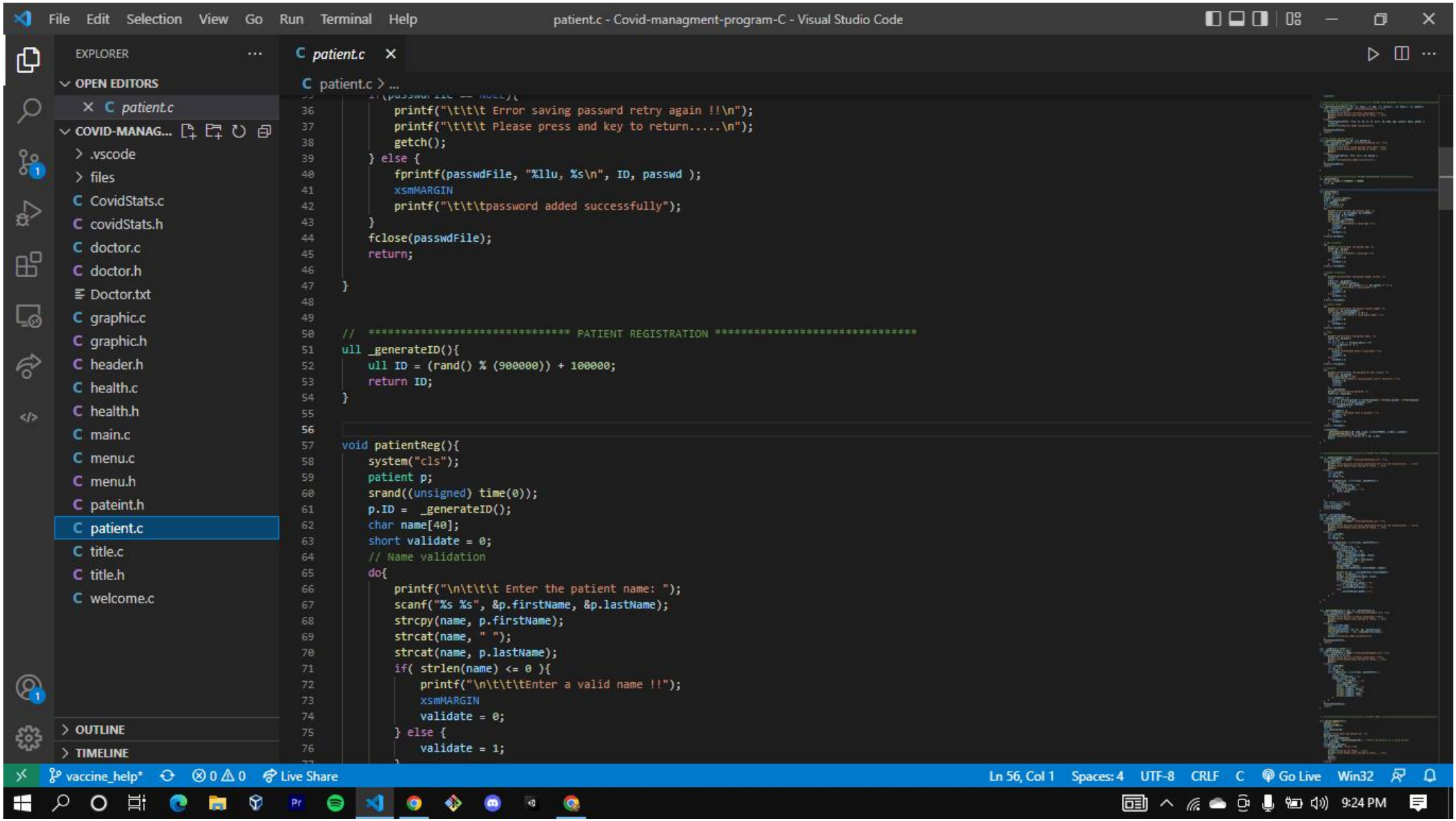
title.c
title.h
welcome.c
OUTLINE
TIMELINE
patient.c > ...
#include "header.h"
typedef struct patient{
ull ID;
char firstName[20];
char lastName[20];
int age;
char gender;
char contactNumber[11];
char email[30];
char passwd[20];
} patient;
// ********** PATIENT FILE INSERTING **********
// Insert data into patientLog.csv
void _patientInsertCreds(ull ID, char name[], int age, char contact[], char email[], char gender){
FILE * patientFile = fopen("./files/patientLog.csv", "a");
if(patientFile == NULL){
printf("\t\t\t Service currently unavailable !!\n");
printf("\t\t\t Please press and key to return.....\n");
getch();
} else {
fprintf(patientFile, "%llu, %s, %d, %s, %s, %c\n", ID, name, age, contact, email, gender);
xsmMARGIN
printf("\t\t\tPatient added successfully");
}
fclose(patientFile);
return;
}
// Store patient ID and password
void _patientStorePasswd(ull ID, char passwd[]){
FILE * passwdFile = fopen("./files/patientPasswd.csv", "a");
if(passwdFile == NULL){
printf("\t\t\t Error saving passwrd retry again !!\n");
printf("\t\t\t Please press and key to return.....\n");
getch();
} else {
fprintf(passwdFile, "%llu, %s\n", ID, passwd);
xsmMARGIN
printf("\t\t\tpassword added successfully");
vaccine_help*
Live Share
Ln 56, Col 1
Spaces: 4
UTF-8
CRLF
C
Go Live
Win32
9:24 PM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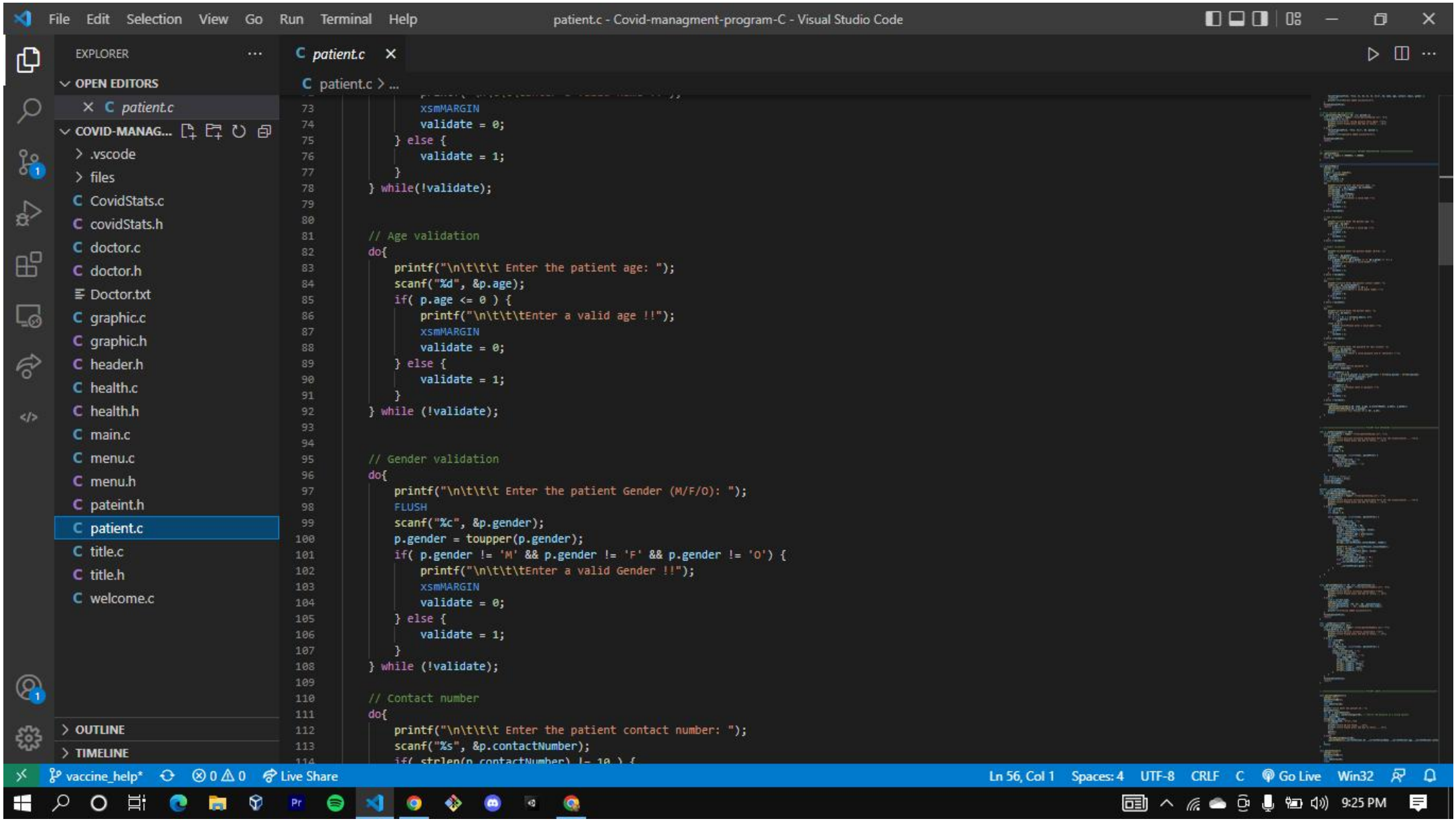
menu.c
menu.h
pateint.h
patient.c
title.c
title.h
welcome.c
OUTLINE
TIMELINE
patient.c > ...
printf("\t\t\t Error saving passwrd retry again !!\n");
printf("\t\t\t Please press and key to return.....\n");
getch();
} else {
fprintf(passwdFile, "%llu, %s\n", ID, passwd);
xsmMARGIN
printf("\t\t\tpassword added successfully");
}
fclose(passwdFile);
return;
}
// ***************************** PATIENT REGISTRATION *****************************
ull _generateID(){
ull ID = (rand() % (900000)) + 100000;
return ID;
}
void patientReg(){
system("cls");
patient p;
srand((unsigned) time(0));
p.ID = _generateID();
char name[40];
short validate = 0;
// Name validation
do{
printf("\n\t\t\t Enter the patient name: ");
scanf("%s %s", &p.firstName, &p.lastName);
strcpy(name, p.firstName);
strcat(name, " ");
strcat(name, p.lastName);
if(strlen(name) <= 0){
printf("\n\t\t\tEnter a valid name !!");
xsmMARGIN
validate = 0;
} else {
validate = 1;
vaccine_help*
0 0
Live Share
Ln 56, Col 1
Spaces: 4
UTF-8
CRLF
C
Go Live
Win32
9:24 PM


File Edit Selection View Go Run Terminal Help
patient.c - Covid-managment-program-C - Visual Studio Code
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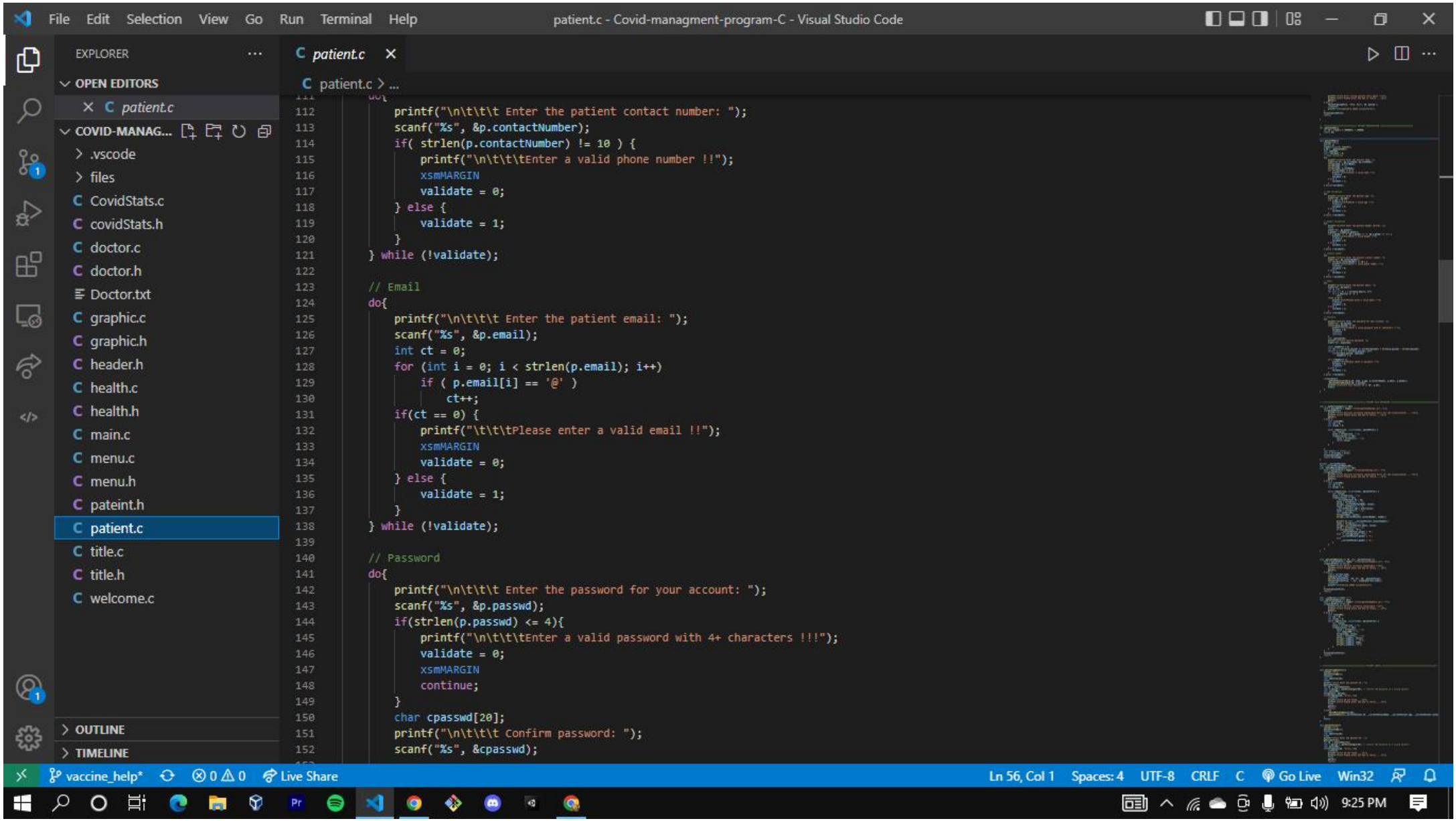
menu.c
menu.h
pateint.h
patient.c
title.c
title.h
welcome.c
OUTLINE
TIMELINE
patient.c > ...
xsmMARGIN
validate = 0;
} else {
validate = 1;
} while(!validate);
// Age validation
do{
printf("\n\t\t\t Enter the patient age: ");
scanf("%d", &p.age);
if(p.age <= 0) {
printf("\n\t\t\tEnter a valid age !!");
xsmMARGIN
validate = 0;
} else {
validate = 1;
} while (!validate);
// Gender validation
do{
printf("\n\t\t\t Enter the patient Gender (M/F/O): ");
FLUSH
scanf("%c", &p.gender);
p.gender = toupper(p.gender);
if(p.gender != 'M' && p.gender != 'F' && p.gender != 'O') {
printf("\n\t\t\tEnter a valid Gender !!");
xsmMARGIN
validate = 0;
} else {
validate = 1;
} while (!validate);
// Contact number
do{
printf("\n\t\t\t Enter the patient contact number: ");
scanf("%s", &p.contactNumber);
vaccine_help*
0 0
Live Share
Ln 56, Col 1
Spaces: 4
UTF-8
CRLF
C
Go Live
Win32
9:25 PM


File Edit Selection View Go Run Terminal Help
patient.c - Covid-managment-program-C - Visual Studio Code
EXPLORER
OPEN EDITORS
patient.c
COVID-MANAG...
.vscode
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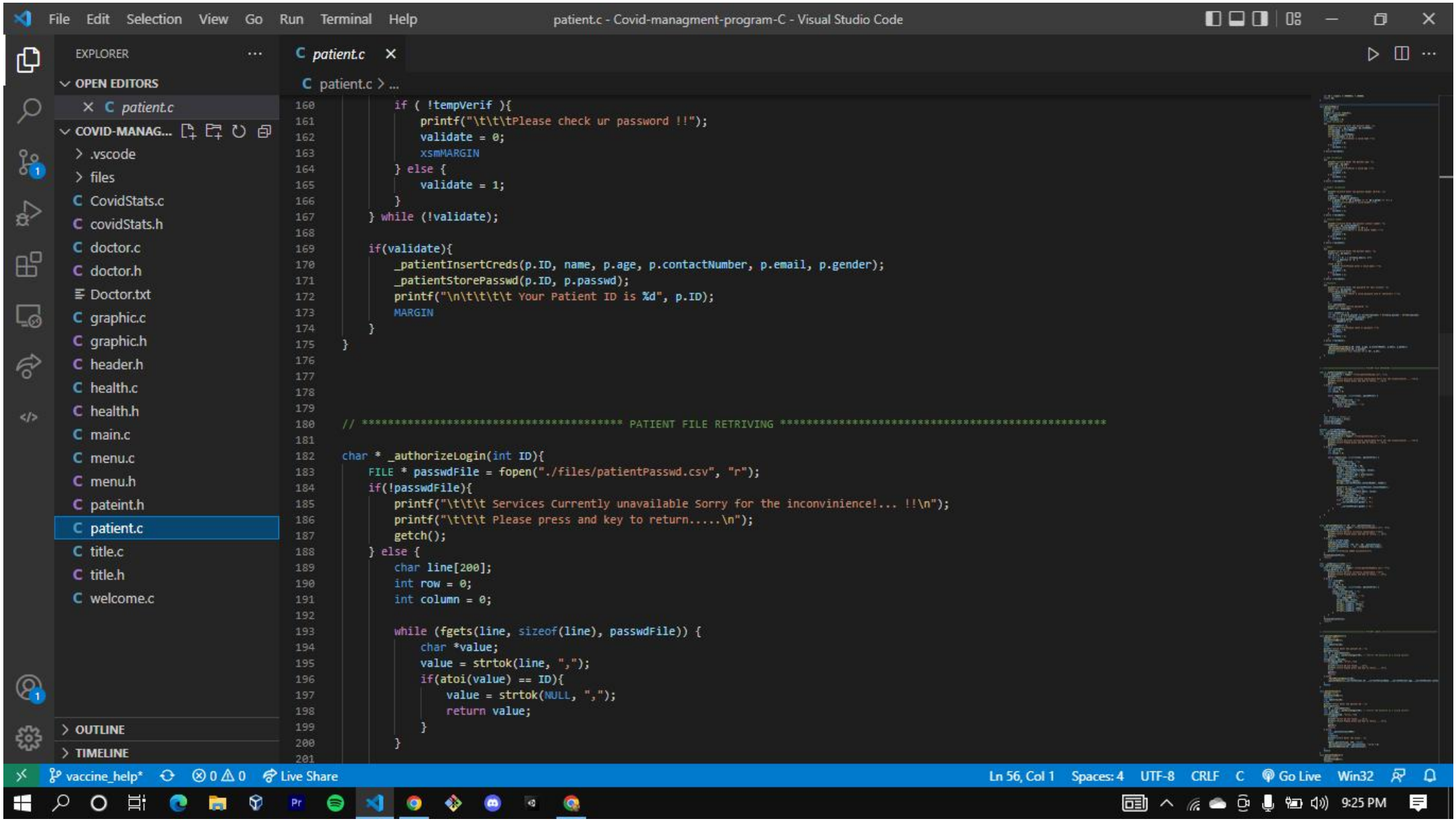
patient.c
title.c
title.h
welcome.c
OUTLINE
TIMELINE
patient.c > ...
printf("\n\t\t\t Enter the patient contact number: ");
scanf("%s", &p.contactNumber);
if(strlen(p.contactNumber) != 10) {
printf("\n\t\t\tEnter a valid phone number !!");
xsmMARGIN
validate = 0;
} else {
validate = 1;
}
} while (!validate);
// Email
do{
printf("\n\t\t\t Enter the patient email: ");
scanf("%s", &p.email);
int ct = 0;
for (int i = 0; i < strlen(p.email); i++)
if (p.email[i] == '@')
ct++;
if(ct == 0) {
printf("\t\t\tPlease enter a valid email !!");
xsmMARGIN
validate = 0;
} else {
validate = 1;
}
} while (!validate);
// Password
do{
printf("\n\t\t\t Enter the password for your account: ");
scanf("%s", &p.passwd);
if(strlen(p.passwd) <= 4){
printf("\n\t\t\tEnter a valid password with 4+ characters !!!");
validate = 0;
xsmMARGIN
continue;
}
char cpasswd[20];
printf("\n\t\t\t Confirm password: ");
scanf("%s", &cpasswd);
vaccine_help*
0 0
Live Share
Ln 56, Col 1
Spaces: 4
UTF-8
CRLF
C
Go Live
Win32
9:25 PM


File Edit Selection View Go Run Terminal Help
patient.c - Covid-managment-program-C - Visual Studio Code
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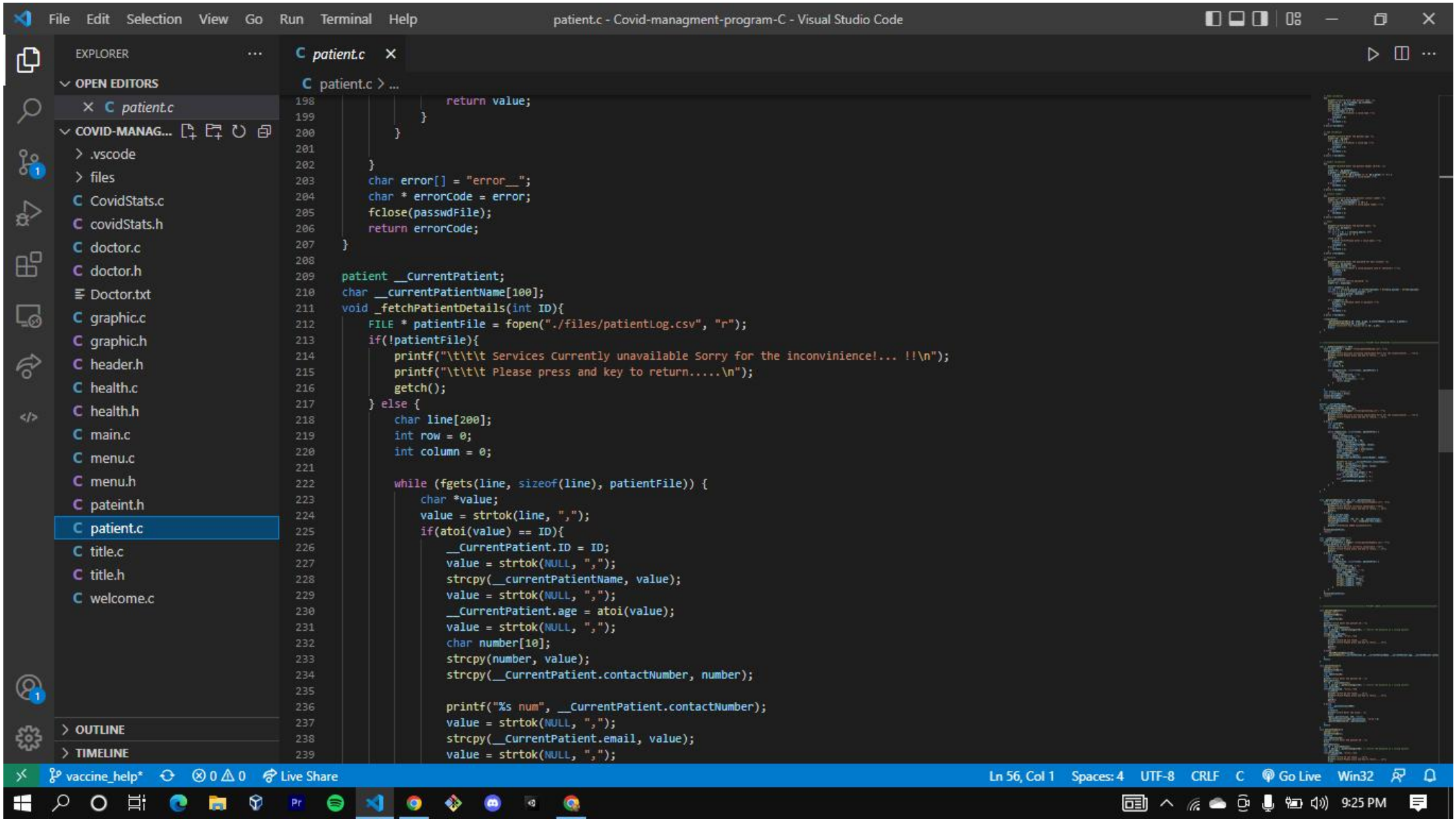
menu.h
pateint.h
patient.c
title.c
title.h
welcome.c
OUTLINE
TIMELINE
patient.c > ...
if (!tempVerif){
printf("\t\t\tPlease check ur password !!");
validate = 0;
xsmMARGIN
} else {
validate = 1;
}
} while (!validate);
if(validate){
_patientInsertCreds(p.ID, name, p.age, p.contactNumber, p.email, p.gender);
_patientStorePasswd(p.ID, p.passwd);
printf("\n\t\t\t\t Your Patient ID is %d", p.ID);
MARGIN
}
}
// ************************************ PATIENT FILE RETRIVING **
char * _authorizeLogin(int ID){
FILE * passwdFile = fopen("./files/patientPasswd.csv", "r");
if(!passwdFile){
printf("\t\t\t Services Currently unavailable Sorry for the inconvinience!... !!\n");
printf("\t\t\t Please press and key to return.....\n");
getch();
} else {
char line[200];
int row = 0;
int column = 0;
while (fgets(line, sizeof(line), passwdFile)) {
char *value;
value = strtok(line, ",");
if(atoi(value) == ID){
value = strtok(NULL, ",");
return value;
}
}
vaccine_help*
0 0
Live Share
Ln 56, Col 1
Spaces: 4
UTF-8
CRLF
C
Go Live
Win32
9:25 PM


File Edit Selection View Go Run Terminal Help
patient.c - Covid-managment-program-C - Visual Studio Code
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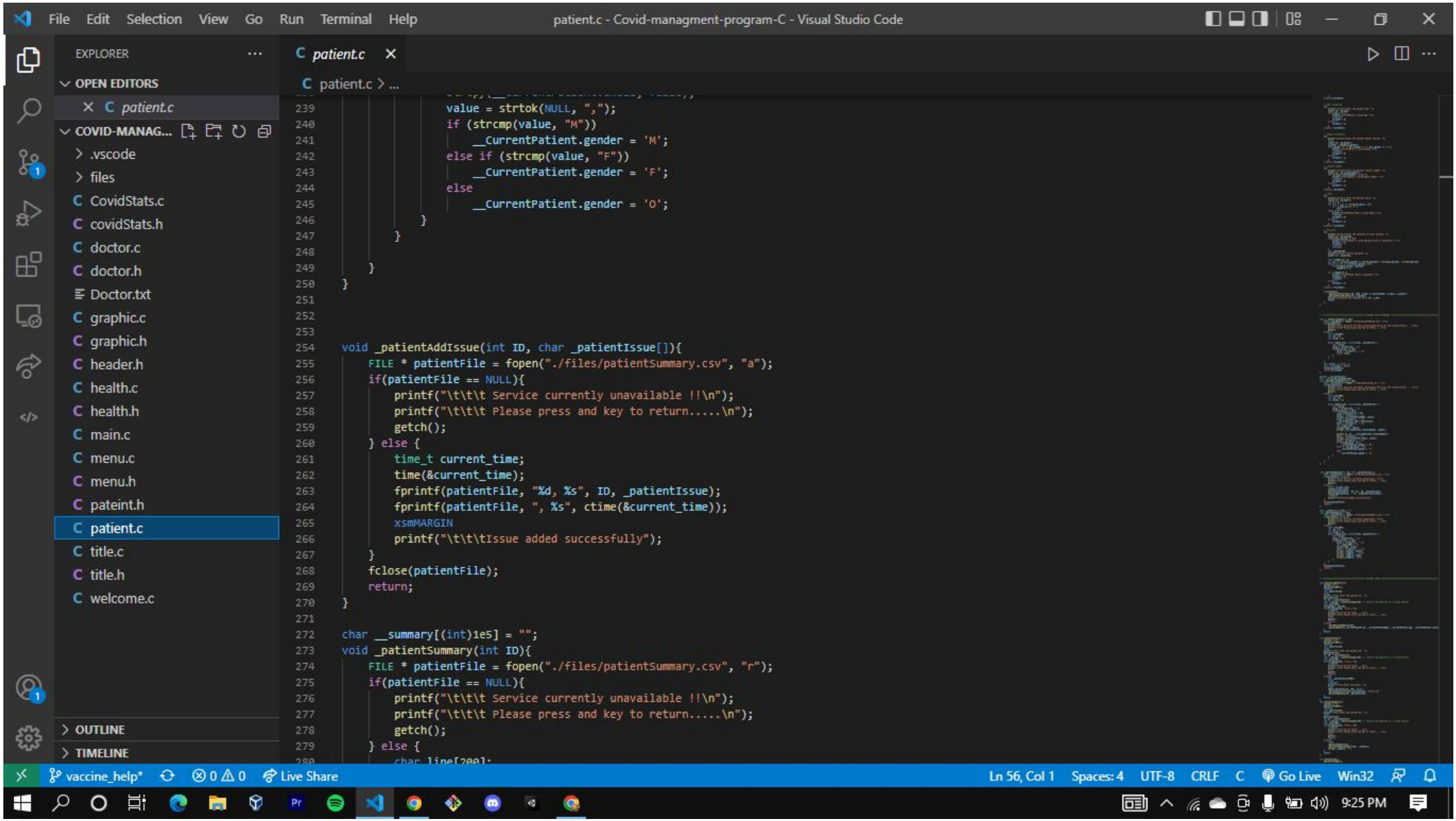
OUTLINE
TIMELINE
patient.c > ...
return value;
}
}
}
char error[] = "error__";
char * errorCode = error;
fclose(passwdFile);
return errorCode;
}
patient __CurrentPatient;
char __currentPatientName[100];
void _fetchPatientDetails(int ID){
FILE * patientFile = fopen("./files/patientLog.csv", "r");
if(!patientFile){
printf("\t\t\t Services Currently unavailable Sorry for the inconvinience!... !!\n");
printf("\t\t\t Please press and key to return.....\n");
getch();
} else {
char line[200];
int row = 0;
int column = 0;
while (fgets(line, sizeof(line), patientFile)) {
char *value;
value = strtok(line, ",");
if(atoi(value) == ID){
__CurrentPatient.ID = ID;
value = strtok(NULL, ",");
strcpy(__currentPatientName, value);
value = strtok(NULL, ",");
__CurrentPatient.age = atoi(value);
value = strtok(NULL, ",");
char number[10];
strcpy(number, value);
strcpy(__CurrentPatient.contactNumber, number);
printf("%s num", __CurrentPatient.contactNumber);
value = strtok(NULL, ",");
strcpy(__CurrentPatient.email, value);
value = strtok(NULL, ",");
vaccine_help*
0 0
Live Share
Ln 56, Col 1
Spaces: 4
UTF-8
CRLF
C
Go Live
Win32
9:25 PM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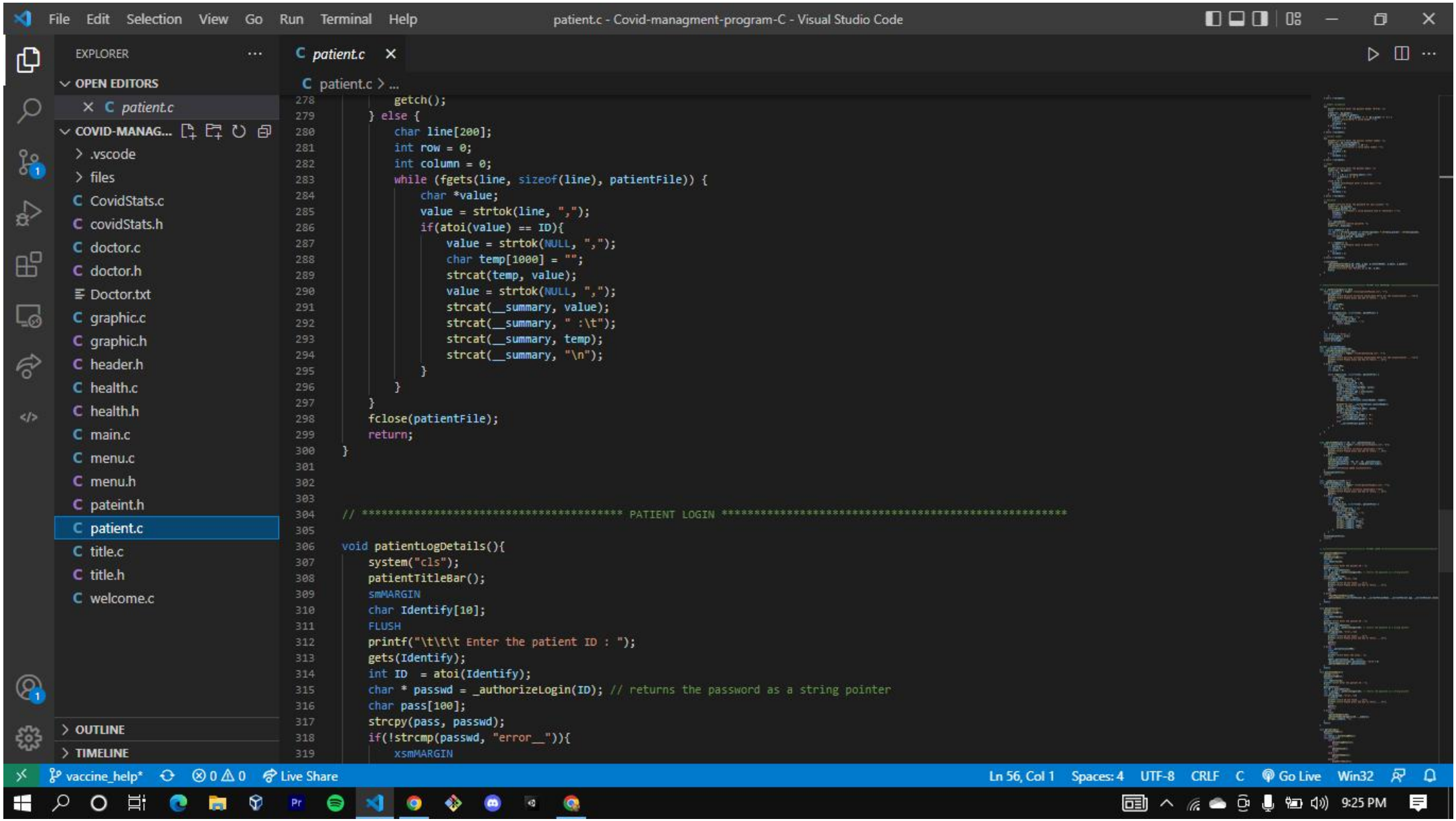
welcome.c
OUTLINE
TIMELINE
patient.c > ...
value = strtok(NULL, ",");
if (strcmp(value, "M"))
__CurrentPatient.gender = 'M';
else if (strcmp(value, "F"))
__CurrentPatient.gender = 'F';
else
__CurrentPatient.gender = 'O';
void _patientAddIssue(int ID, char _patientIssue[]){
FILE * patientFile = fopen("./files/patientSummary.csv", "a");
if(patientFile == NULL){
printf("\t\t\t Service currently unavailable !!\n");
printf("\t\t\t Please press and key to return.....\n");
getch();
} else {
time_t current_time;
time(&current_time);
fprintf(patientFile, "%d, %s", ID, _patientIssue);
fprintf(patientFile, ", %s", ctime(&current_time));
xsmMARGIN
printf("\t\t\tIssue added successfully");
}
fclose(patientFile);
return;
}
char __summary[(int)1e5] = "";
void _patientSummary(int ID){
FILE * patientFile = fopen("./files/patientSummary.csv", "r");
if(patientFile == NULL){
printf("\t\t\t Service currently unavailable !!\n");
printf("\t\t\t Please press and key to return.....\n");
getch();
} else {
vaccine_help*
0 0
Live Share
Ln 56, Col 1
Spaces: 4
UTF-8
CRLF
C
Go Live
Win32
9:25 PM


File Edit Selection View Go Run Terminal Help
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title.h
welcome.c
OUTLINE
TIMELINE
patient.c > ...
getch();
} else {
char line[200];
int row = 0;
int column = 0;
while (fgets(line, sizeof(line), patientFile)) {
char *value;
value = strtok(line, ",");
if(atoi(value) == ID){
value = strtok(NULL, ",");
char temp[1000] = "";
strcat(temp, value);
value = strtok(NULL, ",");
strcat(__summary, value);
strcat(__summary, " :\t");
strcat(__summary, temp);
strcat(__summary, "\n");
}
}
}
fclose(patientFile);
return;
}
// ************************************ PATIENT LOGIN **
void patientLogDetails(){
system("cls");
patientTitleBar();
smMARGIN
char Identify[10];
FLUSH
printf("\t\t\t Enter the patient ID : ");
gets(Identify);
int ID = atoi(Identify);
char * passwd = _authorizeLogin(ID); // returns the password as a string pointer
char pass[100];
strcpy(pass, passwd);
if(!strcmp(passwd, "error__")){
xsmMARGIN
vaccine_help*
0 0
Live Share
Ln 56, Col 1
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CRLF
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Go Live
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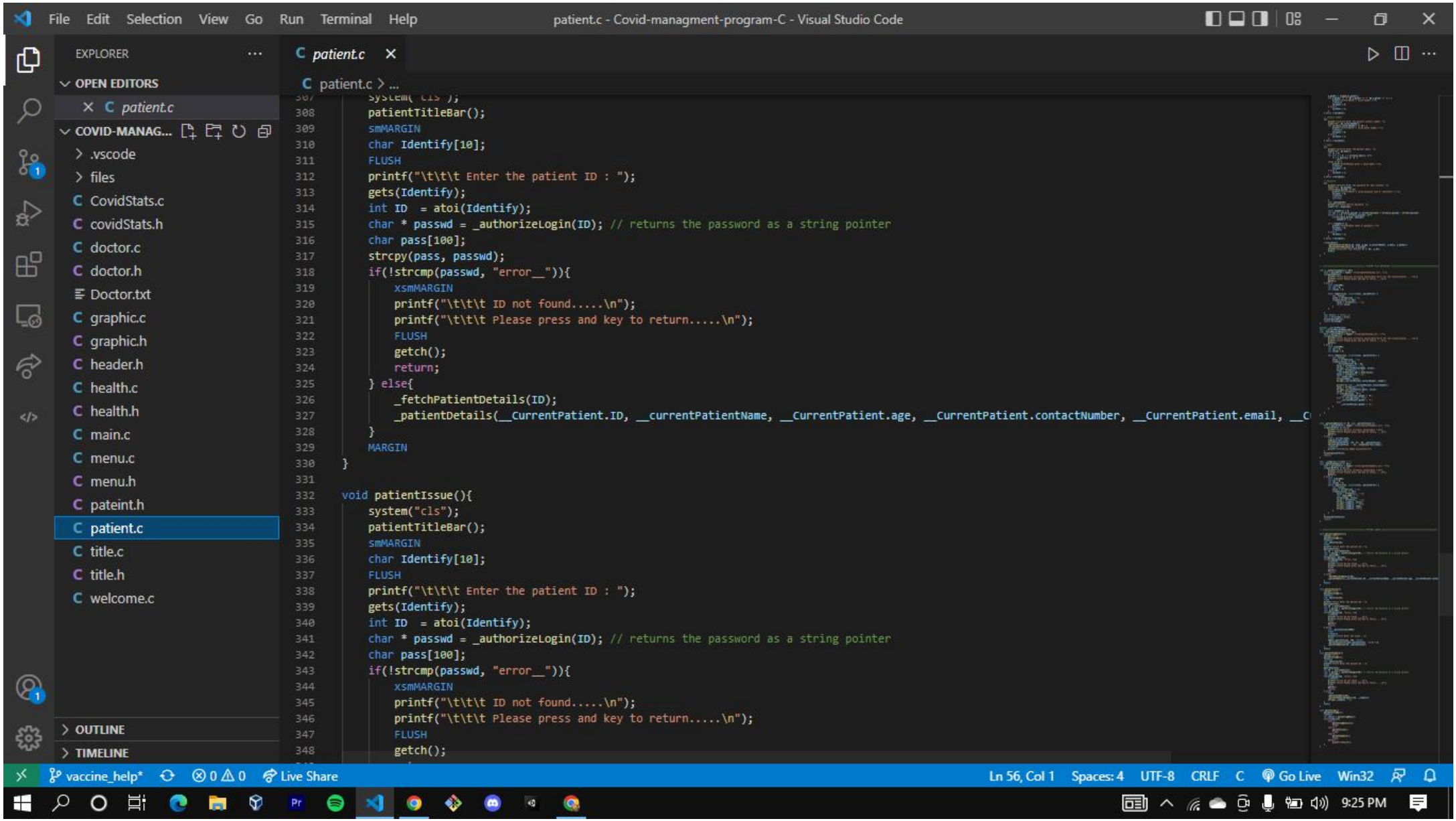
File Edit Selection View Go Run Terminal Help
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pateint.h
patient.c
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title.h
welcome.c
OUTLINE
TIMELINE
patient.c > ...
patientTitleBar();
smMARGIN
char Identify[10];
FLUSH
printf("\t\t\t Enter the patient ID : ");
gets(Identify);
int ID = atoi(Identify);
char * passwd = _authorizeLogin(ID); // returns the password as a string pointer
char pass[100];
strcpy(pass, passwd);
if(!strcmp(passwd, "error__")){
xsmMARGIN
printf("\t\t\t ID not found.....\n");
printf("\t\t\t Please press and key to return.....\n");
FLUSH
getch();
return;
} else{
_fetchPatientDetails(ID);
_patientDetails(__CurrentPatient.ID, __currentPatientName, __CurrentPatient.age, __CurrentPatient.contactNumber, __CurrentPatient.email,
}
MARGIN
}
void patientIssue(){
system("cls");
patientTitleBar();
smMARGIN
char Identify[10];
FLUSH
printf("\t\t\t Enter the patient ID : ");
gets(Identify);
int ID = atoi(Identify);
char * passwd = _authorizeLogin(ID); // returns the password as a string pointer
char pass[100];
if(!strcmp(passwd, "error__")){
xsmMARGIN
printf("\t\t\t ID not found.....\n");
printf("\t\t\t Please press and key to return.....\n");
FLUSH
getch();
vaccine_help*
0 0
Live Share
Ln 56, Col 1
Spaces: 4
UTF-8
CRLF
C
Go Live
Win32
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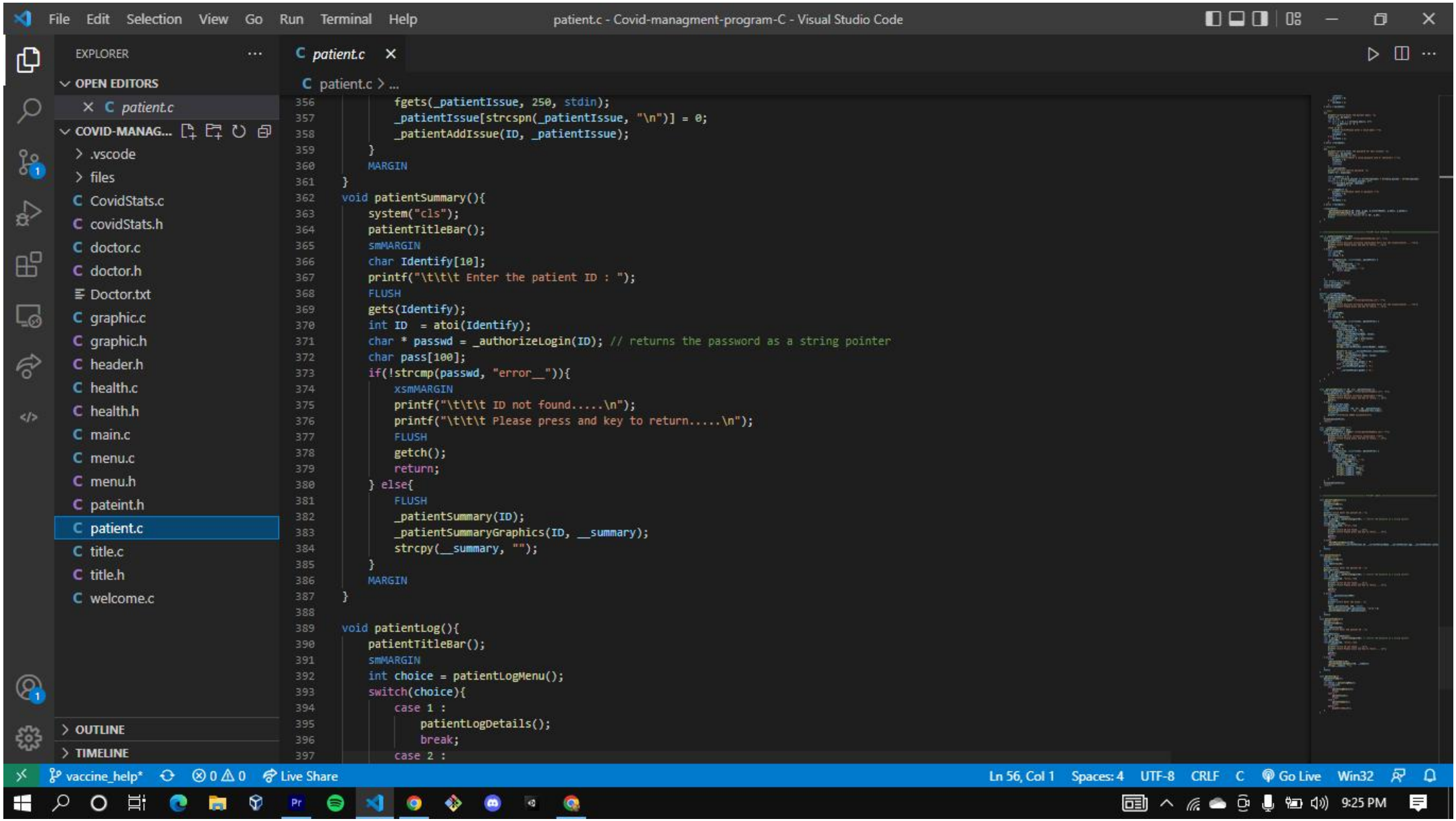
File Edit Selection View Go Run Terminal Help
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pateint.h
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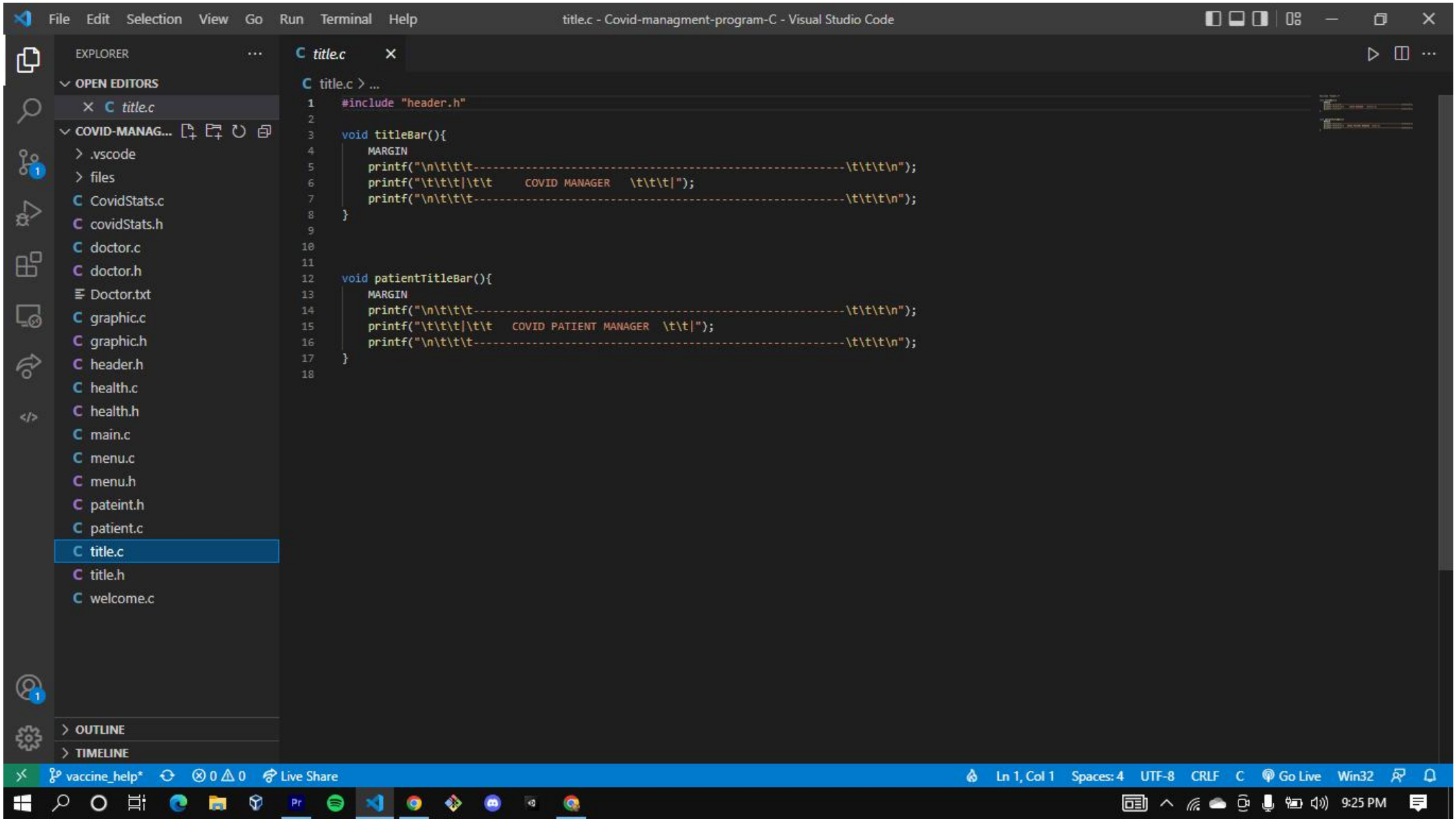
OUTLINE
TIMELINE
patient.c > ...
fgets(_patientIssue, 250, stdin);
_patientIssue[strcspn(_patientIssue, "\n")] = 0;
_patientAddIssue(ID, _patientIssue);
}
MARGIN
}
void patientSummary(){
system("cls");
patientTitleBar();
smMARGIN
char Identify[10];
printf("\t\t\t Enter the patient ID : ");
FLUSH
gets(Identify);
int ID = atoi(Identify);
char * passwd = _authorizeLogin(ID); // returns the password as a string pointer
char pass[100];
if(!strcmp(passwd, "error__")){
xsmMARGIN
printf("\t\t\t ID not found.....\n");
printf("\t\t\t Please press and key to return.....\n");
FLUSH
getch();
return;
} else{
FLUSH
_patientSummary(ID);
_patientSummaryGraphics(ID, __summary);
strcpy(__summary, "");
}
MARGIN
}
void patientLog(){
patientTitleBar();
smMARGIN
int choice = patientLogMenu();
switch(choice){
case 1 :
patientLogDetails();
break;
case 2 :
vaccine_help*
0 0
Live Share
Ln 56, Col 1
Spaces: 4
UTF-8
CRLF
C
Go Live
Win32
9:25 PM


File Edit Selection View Go Run Terminal Help
title.c - Covid-managment-program-C - Visual Studio Code
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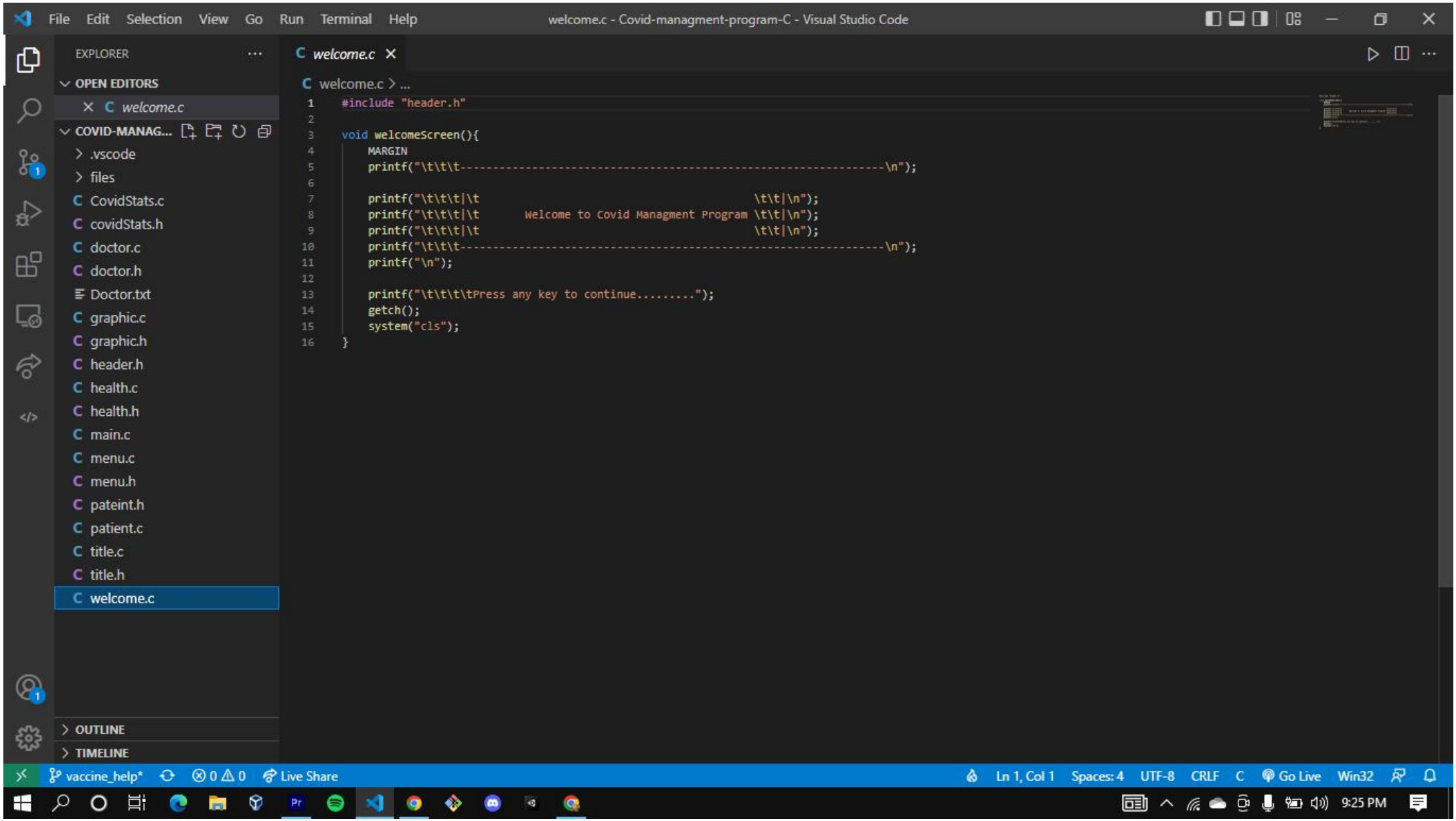
menu.h
pateint.h
patient.c
title.c
title.h
welcome.c
OUTLINE
TIMELINE
title.c > ...
#include "header.h"
void titleBar(){
MARGIN
printf("\n\t\t\t----------\t\t\t\n");
printf("\t\t\t|\t\t COVID MANAGER \t\t\t|");
printf("\n\t\t\t----------\t\t\t\n");
}
void patientTitleBar(){
MARGIN
printf("\n\t\t\t----------\t\t\t\n");
printf("\t\t\t|\t\t COVID PATIENT MANAGER \t\t|");
printf("\n\t\t\t----------\t\t\t\n");
}
vaccine_help*
0 0
Live Share
Ln 1, Col 1
Spaces: 4
UTF-8
CRLF
C
Go Live
Win32
9:25 PM


File Edit Selection View Go Run Terminal Help
welcome.c - Covid-managment-program-C - Visual Studio Code
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menu.h
pateint.h
patient.c
title.c
title.h
welcome.c
OUTLINE
TIMELINE
welcome.c > ...
#include "header.h"
void welcomeScreen(){
MARGIN
printf("\t\t\t----------\n");
printf("\t\t\t|\t \t\t|\n");
printf("\t\t\t|\t Welcome to Covid Managment Program \t\t|\n");
printf("\t\t\t|\t \t\t|\n");
printf("\t\t\t----------\n");
printf("\n");
printf("\t\t\t\tPress any key to continue.....");
getch();
system("cls");
}
vaccine_help*
0 0
Live Share
Ln 1, Col 1
Spaces: 4
UTF-8
CRLF
C
Go Live
Win32
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