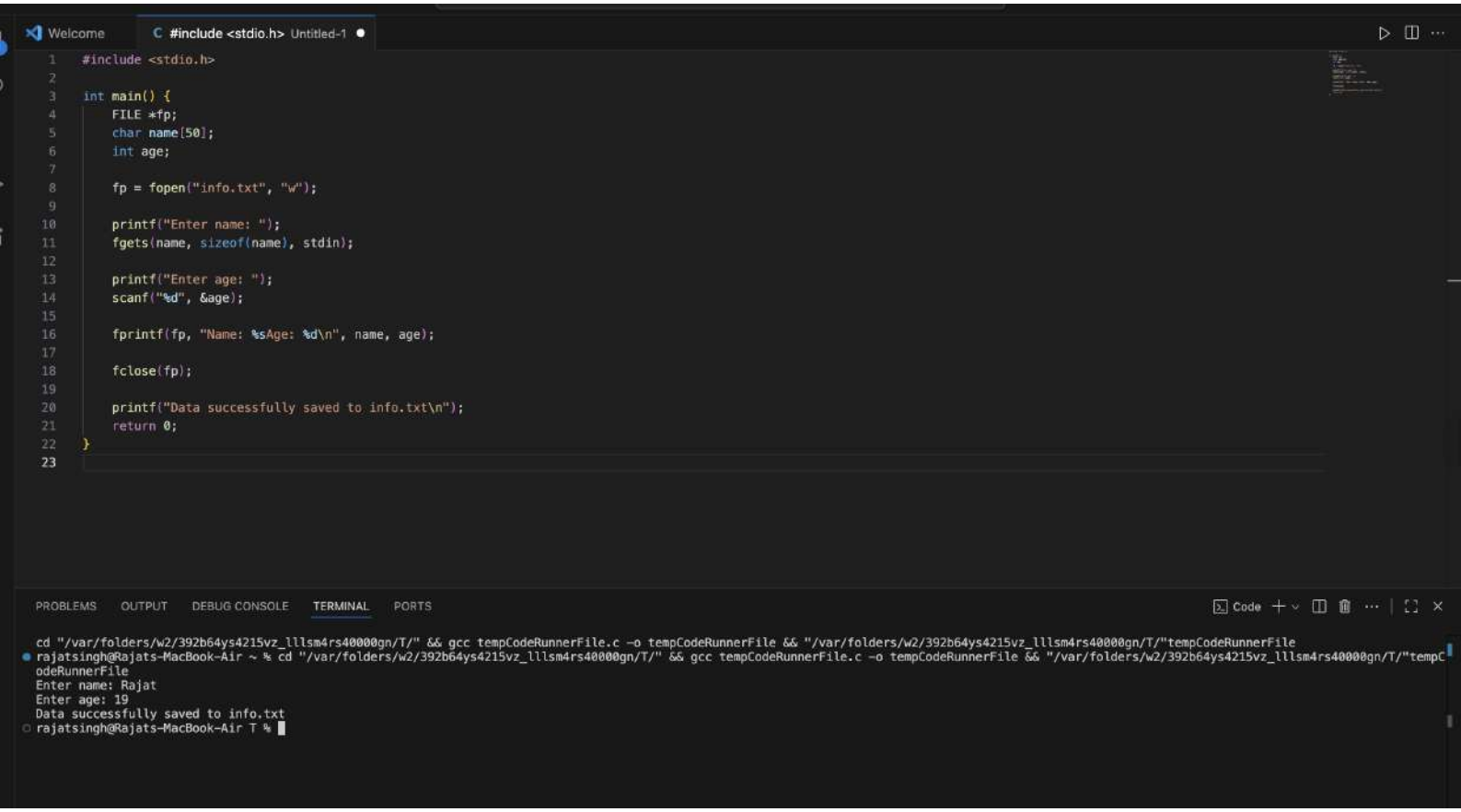
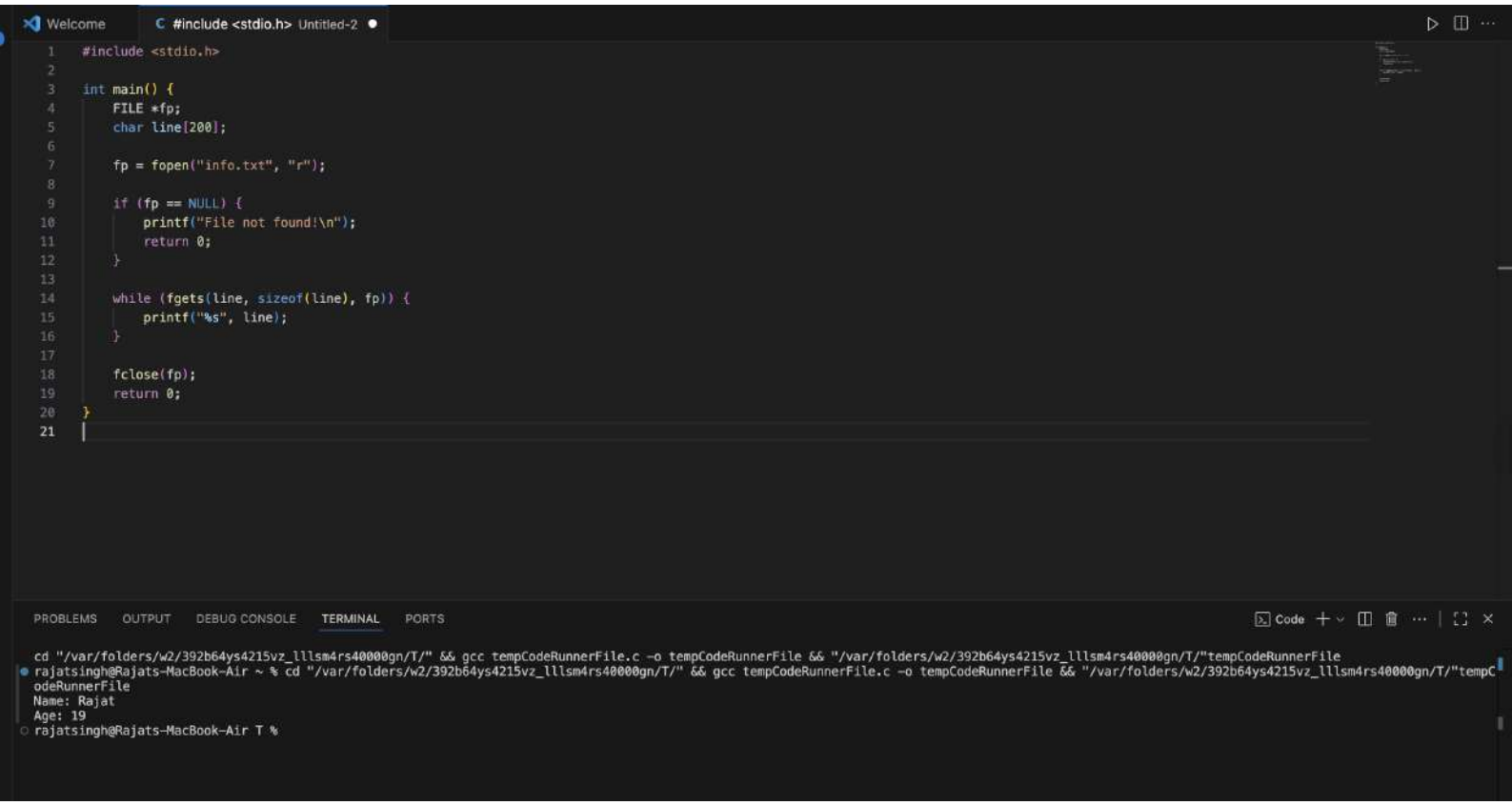
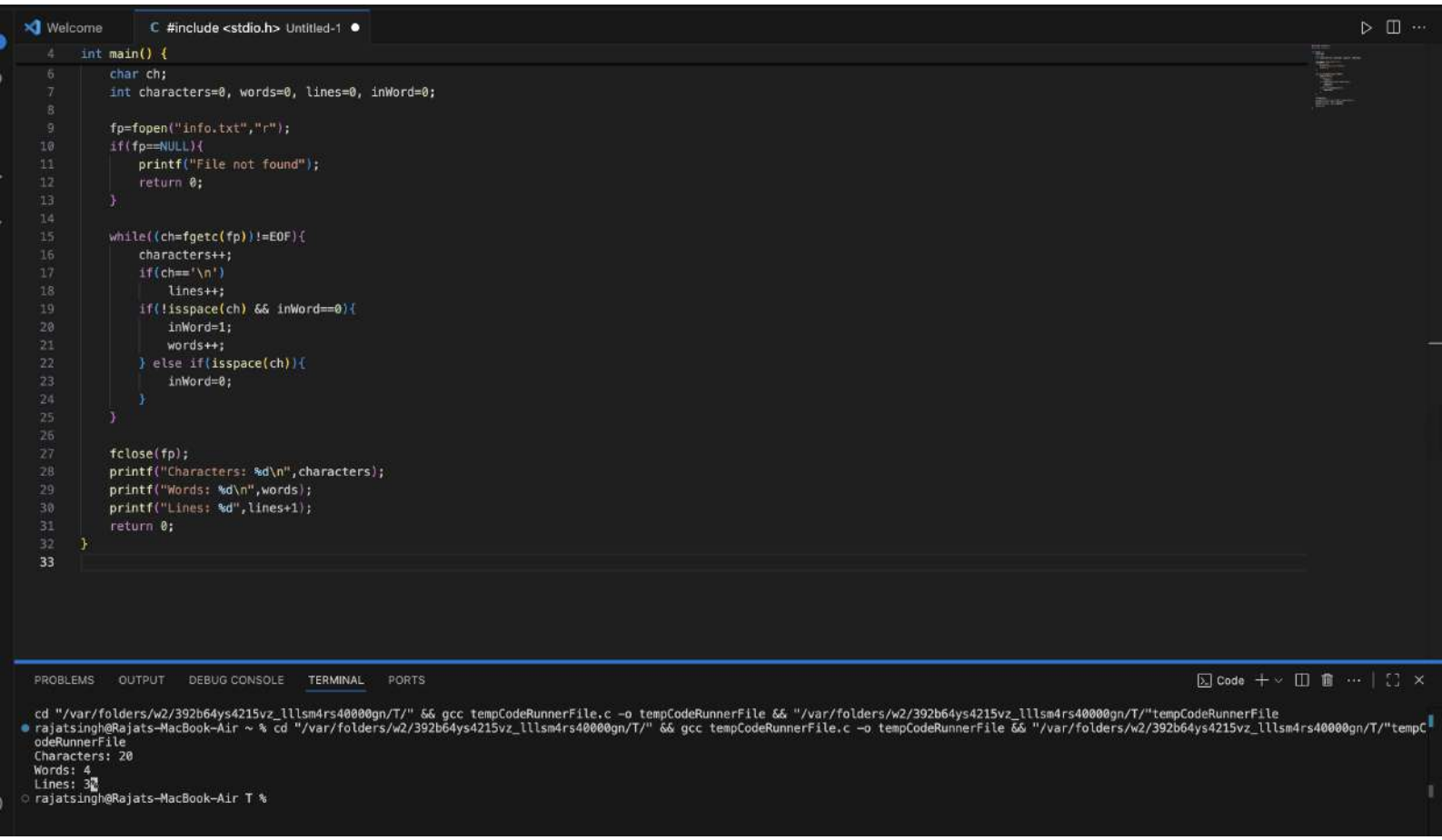
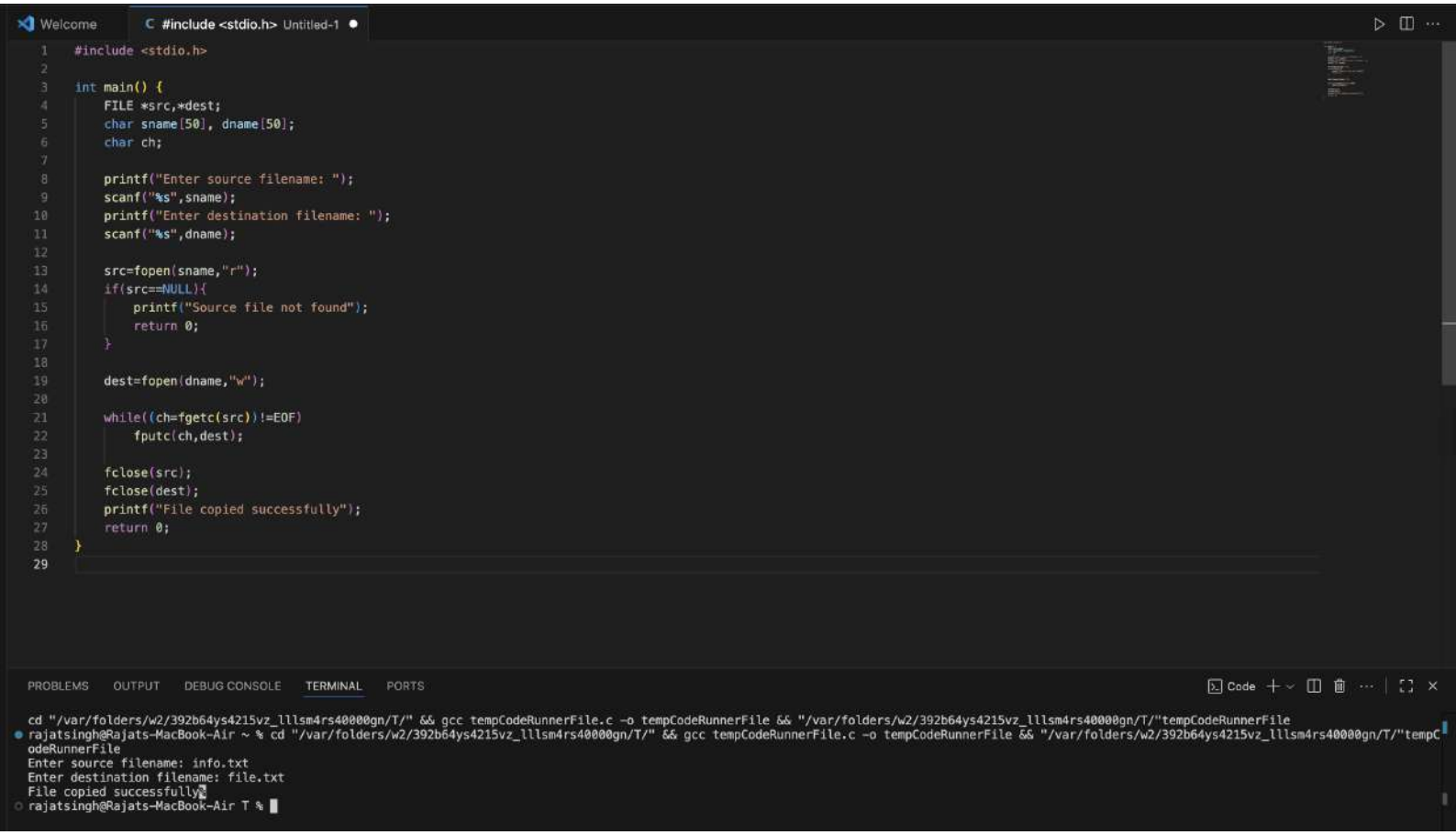
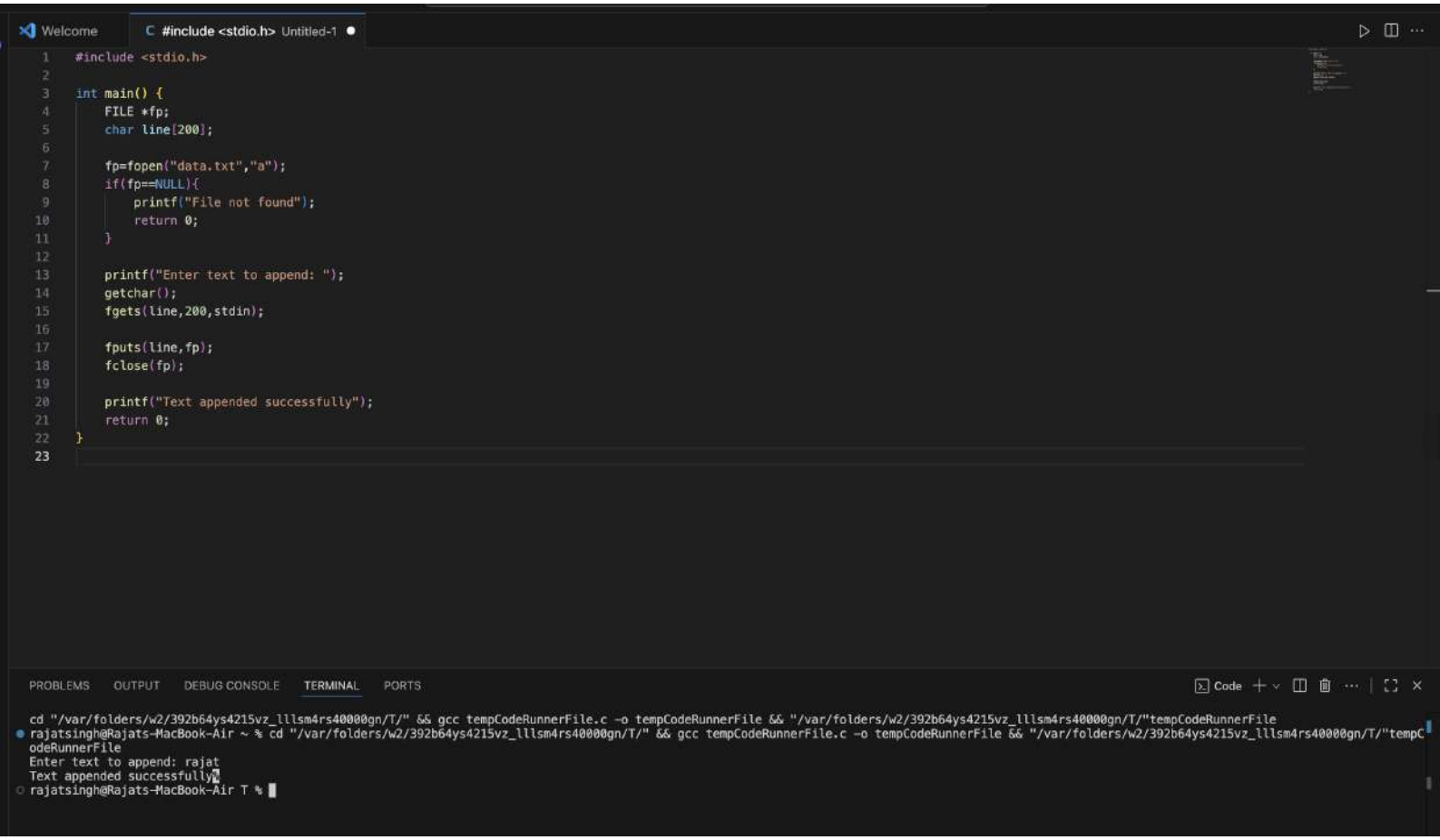

Welcome
#include <stdio.h> Untitled-1
#include <stdio.h>
#include <ctype.h>
int main() {
FILE *fp;
char str[200];
int i;
printf("Enter a string: ");
fgets(str, sizeof(str), stdin);
// Convert to sentence case
str[0] = toupper(str[0]);
for (i = 1; str[i] != '\0'; i++) {
str[i] = tolower(str[i]);
}
fp = fopen("sentence.txt", "w");
fprintf(fp, "%s", str);
fclose(fp);
printf("Sentence case saved to sentence.txt\n");
return 0;
}
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
Code
cd "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/" && gcc tempCodeRunnerFile.c -o tempCodeRunnerFile && "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/"tempCodeRunnerFile
rajatsingh@Rajats-MacBook-Air ~ % cd "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/" && gcc tempCodeRunnerFile.c -o tempCodeRunnerFile && "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/"tempCodeRunnerFile
Enter a string: hELLo hoW ARE YOU
Sentence case saved to sentence.txt
rajatsingh@Rajats-MacBook-Air T %

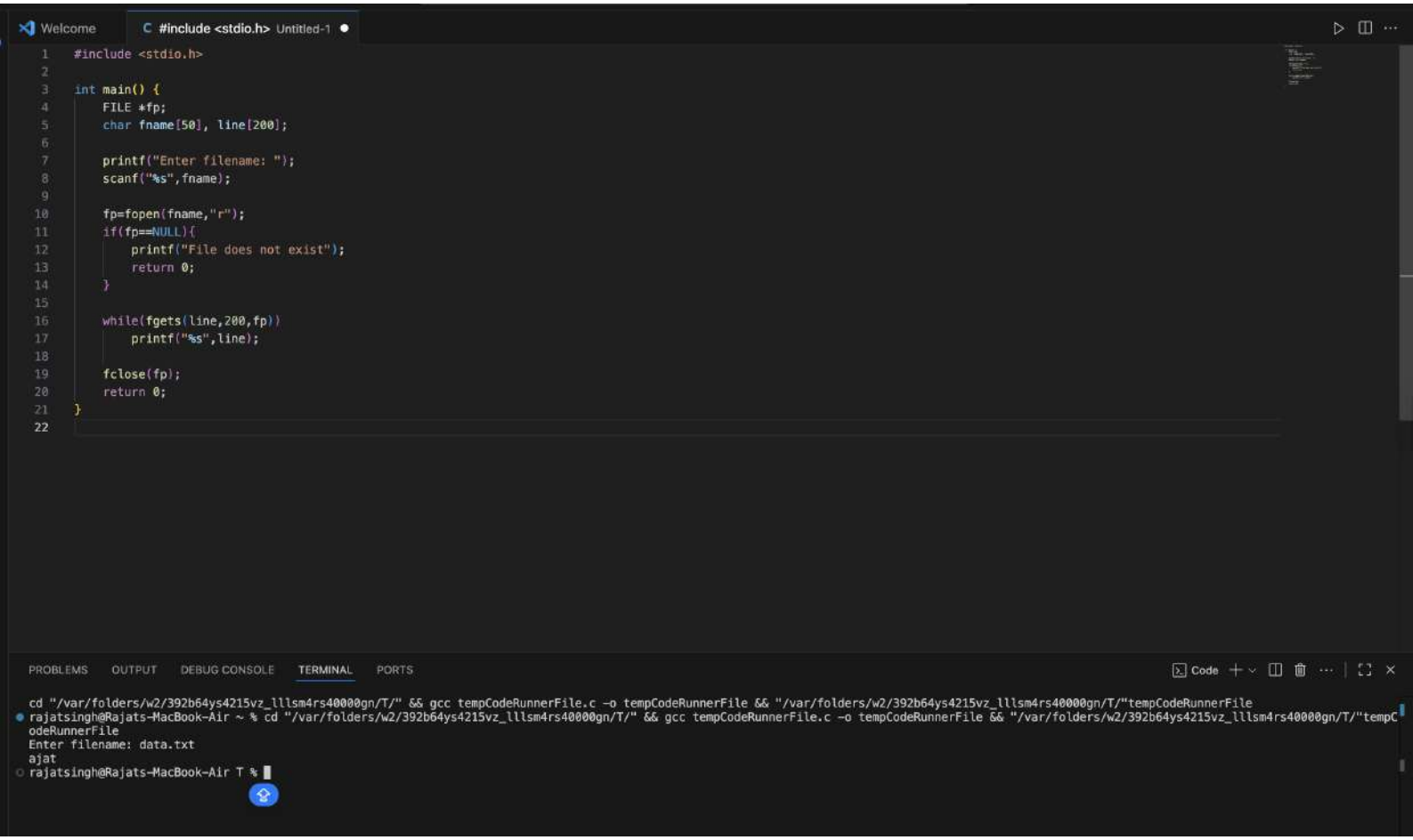

Welcome
#include <stdio.h> Untitled-1
#include <stdio.h>
int main() {
FILE *fp;
char name[50];
int age;
fp = fopen("info.txt", "w");
printf("Enter name: ");
fgets(name, sizeof(name), stdin);
printf("Enter age: ");
scanf("%d", &age);
fprintf(fp, "Name: %sAge: %d\n", name, age);
fclose(fp);
printf("Data successfully saved to info.txt\n");
return 0;
}
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
Code
cd "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/" && gcc tempCodeRunnerFile.c -o tempCodeRunnerFile && "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/"tempCodeRunnerFile
rajatsingh@Rajats-MacBook-Air ~ % cd "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/" && gcc tempCodeRunnerFile.c -o tempCodeRunnerFile && "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/"tempCodeRunnerFile
Enter name: Rajat
Enter age: 19
Data successfully saved to info.txt
rajatsingh@Rajats-MacBook-Air T %

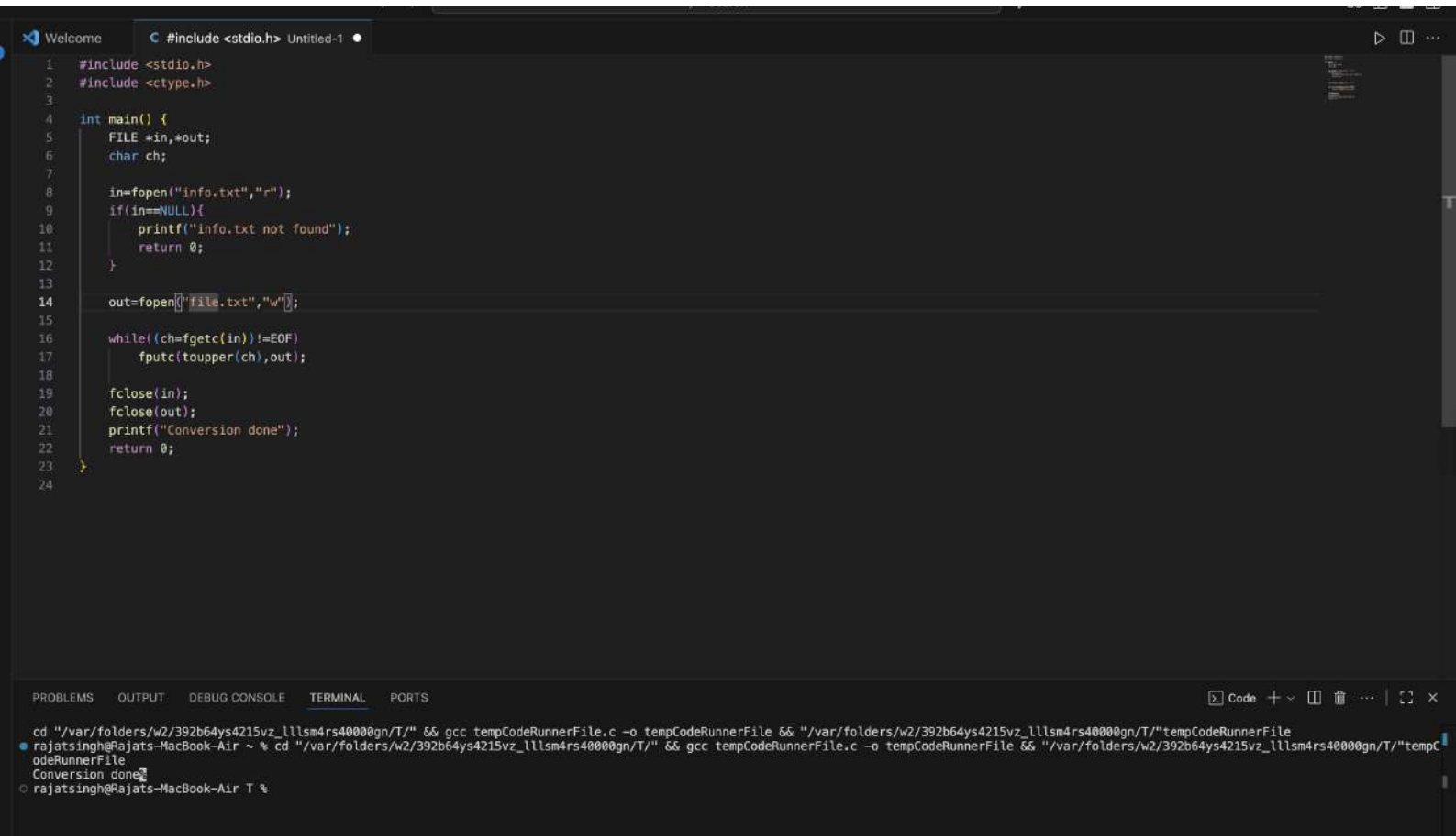

Welcome
#include <stdio.h> Untitled-2
#include <stdio.h>
int main() {
FILE *fp;
char line[200];
fp = fopen("info.txt", "r");
if (fp == NULL) {
printf("File not found!\n");
return 0;
}
while (fgets(line, sizeof(line), fp)) {
printf("%s", line);
}
fclose(fp);
return 0;
}
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
Code
cd "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/" && gcc tempCodeRunnerFile.c -o tempCodeRunnerFile && "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/"tempCodeRunnerFile
rajatsingh@Rajats-MacBook-Air ~ % cd "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/" && gcc tempCodeRunnerFile.c -o tempCodeRunnerFile && "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/"tempCodeRunnerFile
Name: Rajat
Age: 19
rajatsingh@Rajats-MacBook-Air T %

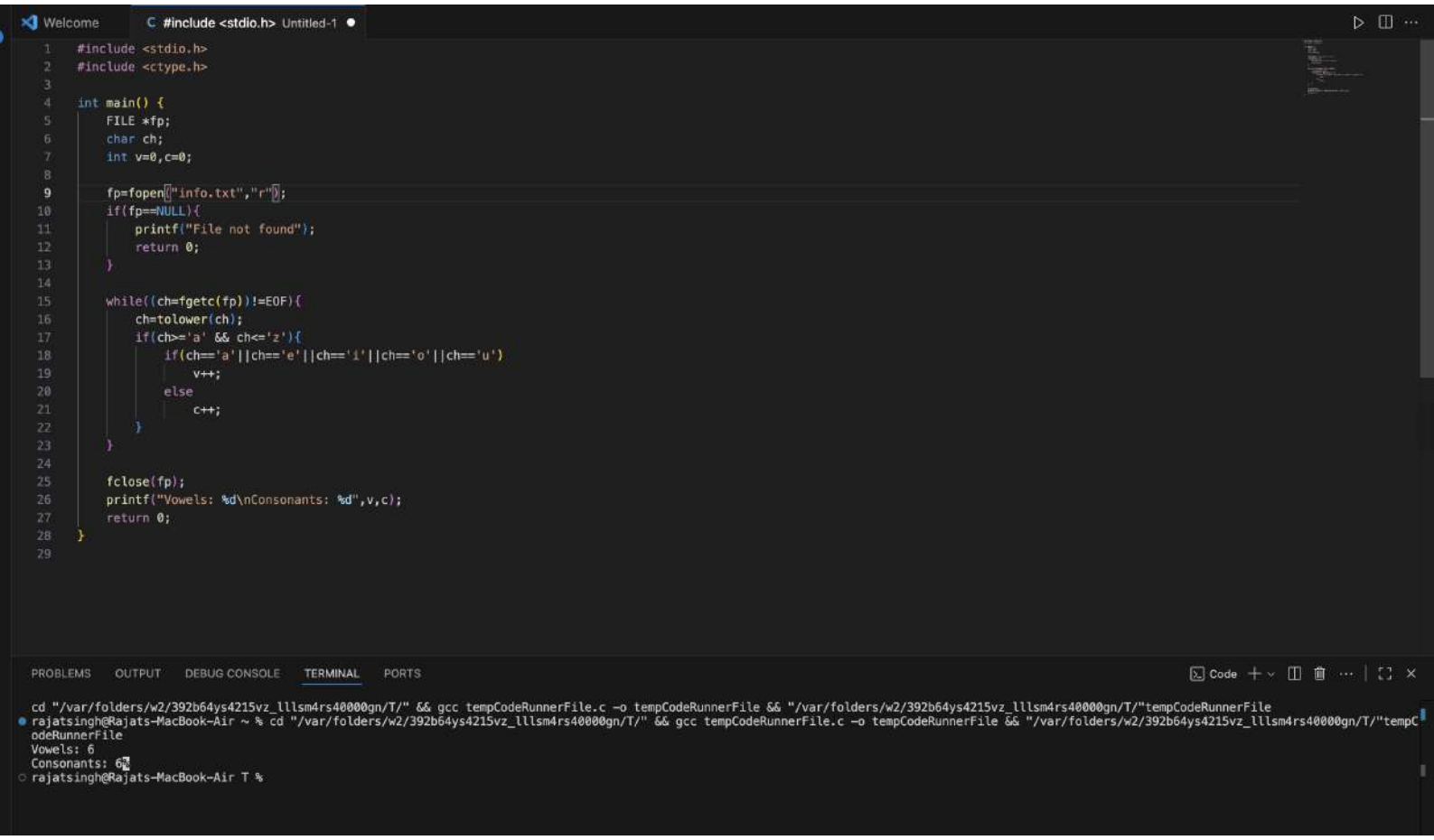

Welcome
#include <stdio.h> Untitled-1
int main() {
char ch;
int characters=0, words=0, lines=0, inWord=0;
fp=fopen("info.txt","r");
if(fp==NULL){
printf("File not found");
return 0;
}
while((ch=fgetc(fp))!=EOF){
characters++;
if(ch=='\n')
lines++;
if(!isspace(ch) && inWord==0){
inWord=1;
words++;
} else if(isspace(ch)){
inWord=0;
}
}
fclose(fp);
printf("Characters: %d\n",characters);
printf("Words: %d\n",words);
printf("Lines: %d",lines+1);
return 0;
}
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
Code
cd "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/" && gcc tempCodeRunnerFile.c -o tempCodeRunnerFile && "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/"tempCodeRunnerFile
rajatsingh@Rajats-MacBook-Air ~ % cd "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/" && gcc tempCodeRunnerFile.c -o tempCodeRunnerFile && "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/"tempCodeRunnerFile
Characters: 20
Words: 4
Lines: 3
rajatsingh@Rajats-MacBook-Air T %


Welcome
#include <stdio.h> Untitled-1
#include <stdio.h>
int main() {
FILE *src,*dest;
char sname[50], dname[50];
char ch;
printf("Enter source filename: ");
scanf("%s",sname);
printf("Enter destination filename: ");
scanf("%s",dname);
src=fopen(sname,"r");
if(src==NULL){
printf("Source file not found");
return 0;
}
dest=fopen(dname,"w");
while((ch=fgetc(src))!=EOF)
fputc(ch,dest);
fclose(src);
fclose(dest);
printf("File copied successfully");
return 0;
}
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
Code
cd "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/" && gcc tempCodeRunnerFile.c -o tempCodeRunnerFile && "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/"tempCodeRunnerFile
rajatsingh@Rajats-MacBook-Air ~ % cd "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/" && gcc tempCodeRunnerFile.c -o tempCodeRunnerFile && "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/"tempCodeRunnerFile
Enter source filename: info.txt
Enter destination filename: file.txt
File copied successfully%
rajatsingh@Rajats-MacBook-Air T %


Welcome
#include <stdio.h> Untitled-1
#include <stdio.h>
int main() {
FILE *fp;
char line[200];
fp=fopen("data.txt","a");
if(fp==NULL){
printf("File not found");
return 0;
}
printf("Enter text to append: ");
getchar();
fgets(line,200,stdin);
fputs(line,fp);
fclose(fp);
printf("Text appended successfully");
return 0;
}
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
Code
cd "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/" && gcc tempCodeRunnerFile.c -o tempCodeRunnerFile && "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/"tempCodeRunnerFile
rajatsingh@Rajats-MacBook-Air ~ % cd "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/" && gcc tempCodeRunnerFile.c -o tempCodeRunnerFile && "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/"tempCodeRunnerFile
Enter text to append: rajat
Text appended successfully
rajatsingh@Rajats-MacBook-Air T %


Welcome
#include <stdio.h> Untitled-1
#include <stdio.h>
int main() {
FILE *fp;
char fname[50], line[200];
printf("Enter filename: ");
scanf("%s",fname);
fp=fopen(fname,"r");
if(fp==NULL){
printf("File does not exist");
return 0;
}
while(fgets(line,200,fp))
printf("%s",line);
fclose(fp);
return 0;
}
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
Code
cd "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/" && gcc tempCodeRunnerFile.c -o tempCodeRunnerFile && "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/"tempCodeRunnerFile
rajatsingh@Rajats-MacBook-Air ~ % cd "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/" && gcc tempCodeRunnerFile.c -o tempCodeRunnerFile && "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/"tempCodeRunnerFile
Enter filename: data.txt
ajat
rajatsingh@Rajats-MacBook-Air T %


Welcome
#include <stdio.h> Untitled-1
#include <stdio.h>
#include <ctype.h>
int main() {
FILE *in,*out;
char ch;
in=fopen("info.txt","r");
if(in==NULL){
printf("info.txt not found");
return 0;
}
out=fopen("file.txt","w");
while((ch=fgetc(in))!=EOF)
fputc(toupper(ch),out);
fclose(in);
fclose(out);
printf("Conversion done");
return 0;
}
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
Code
cd "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/" && gcc tempCodeRunnerFile.c -o tempCodeRunnerFile && "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/"tempCodeRunnerFile
rajatsingh@Rajats-MacBook-Air ~ % cd "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/" && gcc tempCodeRunnerFile.c -o tempCodeRunnerFile && "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/"tempCodeRunnerFile
Conversion done
rajatsingh@Rajats-MacBook-Air T %


Welcome
#include <stdio.h> Untitled-1
#include <stdio.h>
#include <ctype.h>
int main() {
FILE *fp;
char ch;
int v=0,c=0;
fp=fopen("info.txt","r");
if(fp==NULL){
printf("File not found");
return 0;
}
while((ch=fgetc(fp))!=EOF){
ch=tolower(ch);
if(ch>='a' && ch<='z'){
if(ch=='a'||ch=='e'||ch=='i'||ch=='o'||ch=='u')
v++;
else
c++;
}
}
fclose(fp);
printf("Vowels: %d\nConsonants: %d",v,c);
return 0;
}
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
Code
cd "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/" && gcc tempCodeRunnerFile.c -o tempCodeRunnerFile && "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/"tempCodeRunnerFile
rajatsingh@Rajats-MacBook-Air ~ % cd "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/" && gcc tempCodeRunnerFile.c -o tempCodeRunnerFile && "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/"tempCodeRunnerFile
Vowels: 6
Consonants: 6
rajatsingh@Rajats-MacBook-Air T %

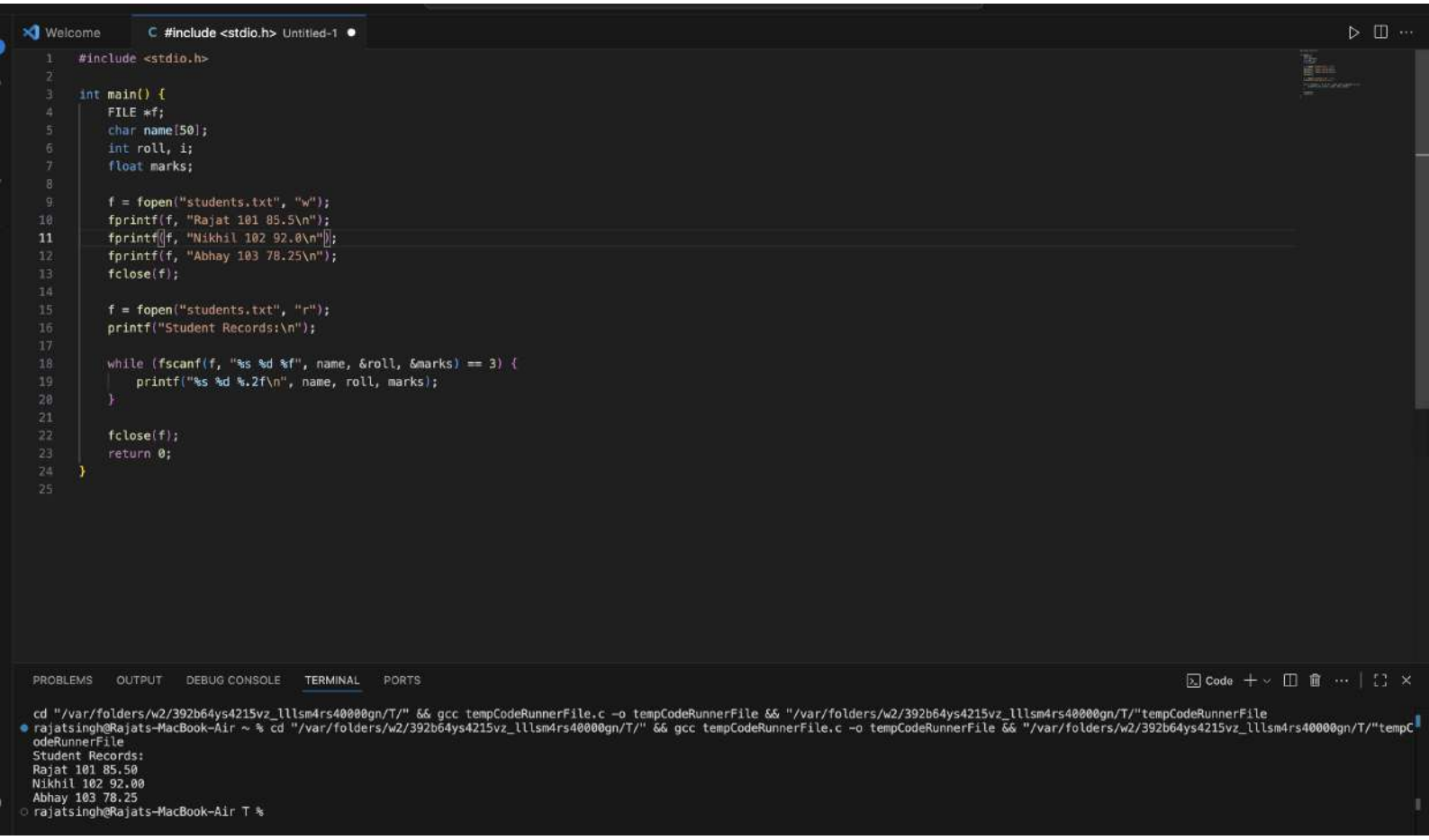
Welcome | C #include <stdio.h> Untitled-1 ●

```c
#include <stdio.h>

int main() {
    FILE *f;
    int num, sum = 0, count = 0;
    float avg;

    f = fopen("numbers.txt", "w");
    fprintf(f, "10 20 30 40 50");
    fclose(f);

    f = fopen("numbers.txt", "r");
    while (fscanf(f, "%d", &num) == 1) {
        sum += num;
        count++;
    }
    fclose(f);

    avg = (float)sum / count;

    printf("Sum = %d\n", sum);
    printf("Average = %.2f\n", avg);

    return 0;
}
#include <stdio.h>
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Code

```
cd "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/" && gcc tempCodeRunnerFile.c -o tempCodeRunnerFile && "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/"tempCodeRunnerFile
rajatsingh@Rajats-MacBook-Air ~ % cd "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/" && gcc tempCodeRunnerFile.c -o tempCodeRunnerFile && "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/"tempCodeRunnerFile
Sum = 150
Average = 30.00
rajatsingh@Rajats-MacBook-Air T %
```


Welcome
#include <stdio.h> Untitled-1
#include <stdio.h>
int main() {
FILE *f;
char name[50];
int roll, i;
float marks;
f = fopen("students.txt", "w");
fprintf(f, "Rajat 101 85.5\n");
fprintf(f, "Nikhil 102 92.0\n");
fprintf(f, "Abhay 103 78.25\n");
fclose(f);
f = fopen("students.txt", "r");
printf("Student Records:\n");
while (fscanf(f, "%s %d %f", name, &roll, &marks) == 3) {
printf("%s %d %.2f\n", name, roll, marks);
}
fclose(f);
return 0;
}
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
Code
cd "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/" && gcc tempCodeRunnerFile.c -o tempCodeRunnerFile && "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/"tempCodeRunnerFile
rajatsingh@Rajats-MacBook-Air ~ % cd "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/" && gcc tempCodeRunnerFile.c -o tempCodeRunnerFile && "/var/folders/w2/392b64ys4215vz_lllsm4rs40000gn/T/"tempCodeRunnerFile
Student Records:
Rajat 101 85.50
Nikhil 102 92.00
Abhay 103 78.25
rajatsingh@Rajats-MacBook-Air T %