Expt. No. 2.1 Page No. 5 Date 14/08/25

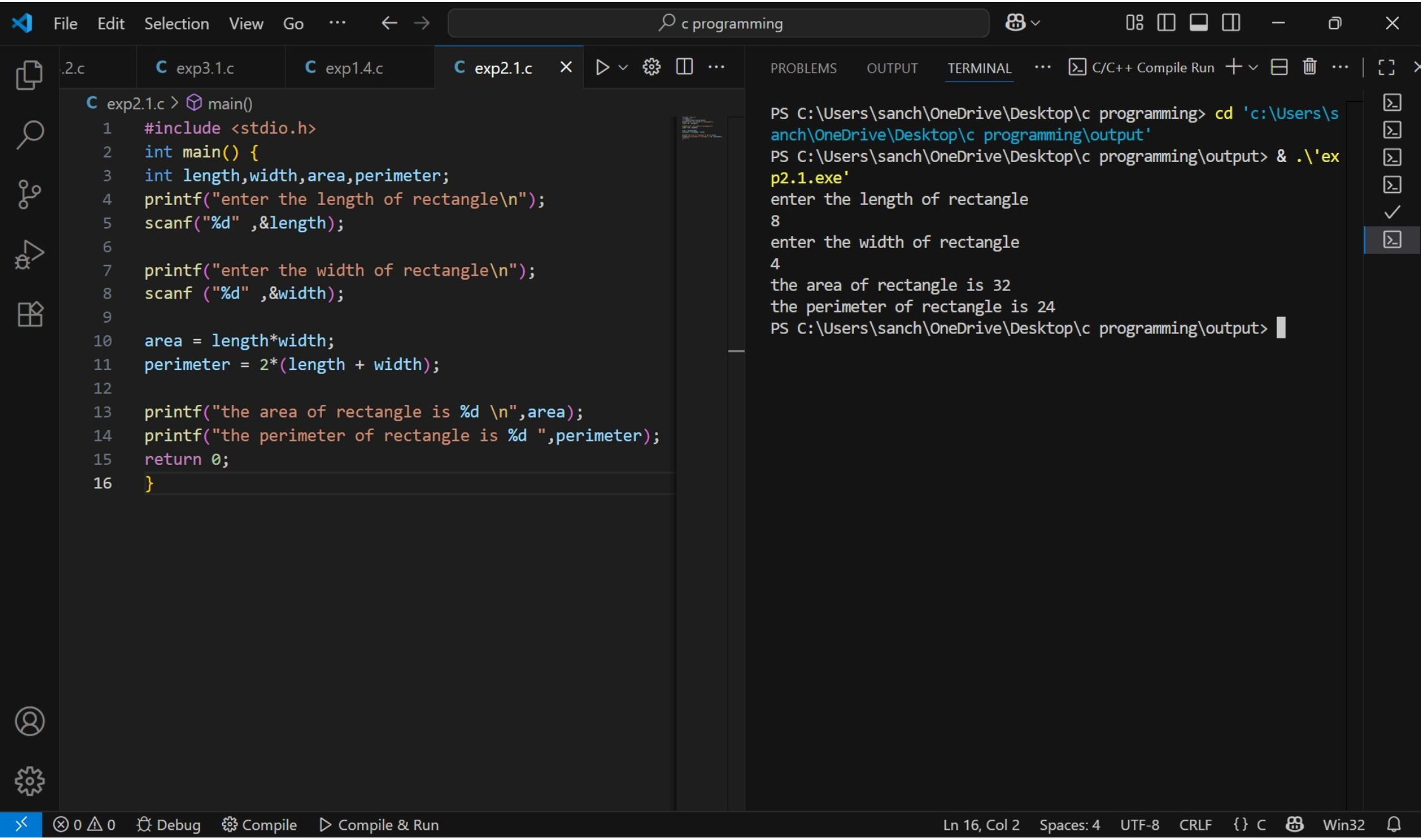
Exp = 2.1

→ Write a C program to find the area & perimeter of rectangle based on its length & width

→

```
#include<stdio.h>
int main()
{
 int length, width, area, perimeter;
 printf("enter the length of rectangle \n");
 scanf("%d", &length);

 printf("enter the width of rectangle \n");
 scanf("%d", &width);

 area = length * width;
 perimeter = 2*(length + width);

 printf("The area of rectangle is %d \n", area);
 printf("The perimeter of rectangle is %d", perimeter);

 return 0;
}
```

Teacher's Signature


File Edit Selection View Go
c programming
exp3.1.c
exp1.4.c
exp2.1.c
exp2.1.c > main()
#include <stdio.h>
int main() {
int length,width,area,perimeter;
printf("enter the length of rectangle\n");
scanf("%d" ,&length);
printf("enter the width of rectangle\n");
scanf ("%d" ,&width);
area = length*width;
perimeter = 2*(length + width);
printf("the area of rectangle is %d \n",area);
printf("the perimeter of rectangle is %d ",perimeter);
return 0;
}
PROBLEMS
OUTPUT
TERMINAL
C/C++ Compile Run
PS C:\Users\sanch\OneDrive\Desktop\c programming> cd 'c:\Users\sanch\OneDrive\Desktop\c programming\output'
PS C:\Users\sanch\OneDrive\Desktop\c programming\output> & .\'exp2.1.exe'
enter the length of rectangle
8
enter the width of rectangle
4
the area of rectangle is 32
the perimeter of rectangle is 24
PS C:\Users\sanch\OneDrive\Desktop\c programming\output>
0 0
Debug
Compile
Compile & Run
Ln 16, Col 2
Spaces: 4
UTF-8
CRLF
C
Win32

Expt. No. 2.2 Page No. 6 Date 14/08/25

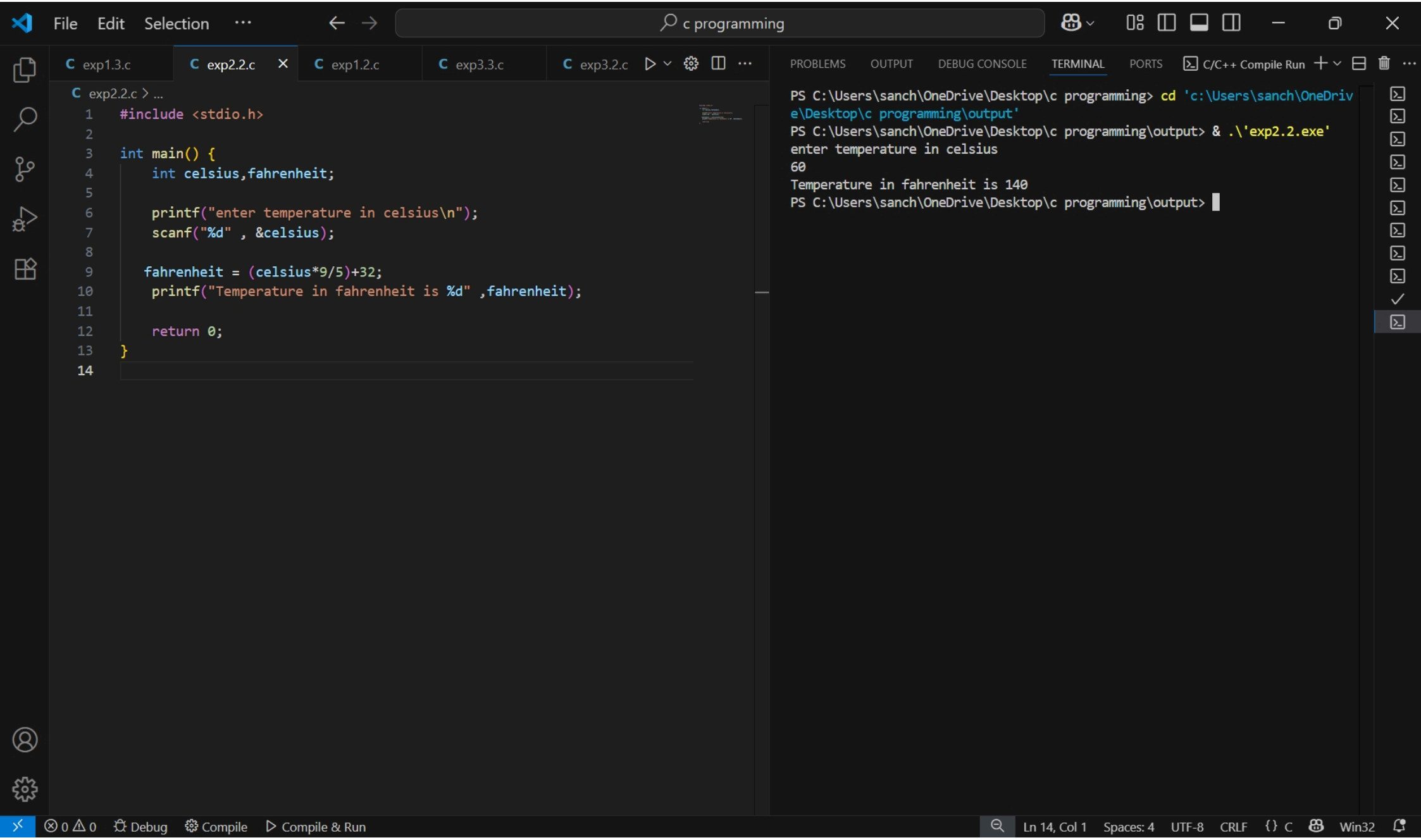
Exp = 2.2

→ Write a C program to convert temperature from celsius to fahrenheit using formula F= (c* 9/5) +32

→

```
# include <stdio.h>
    int main()
{
  int celsius, fahrenheit

printf("enter temperature in celsius \n");
scanf("%d", &celsius);

fahrenheit =( celsius * 9/5 ) + 32 ;
printf (" Temperature in fahrenheit is %d", fahrenh);

return 0;

}
```

Teacher's Signature _____


File Edit Selection
c programming
exp1.3.c
exp2.2.c
exp1.2.c
exp3.3.c
exp3.2.c
exp2.2.c > ...
#include <stdio.h>
int main() {
int celsius,fahrenheit;
printf("enter temperature in celsius\n");
scanf("%d" , &celsius);
fahrenheit = (celsius*9/5)+32;
printf("Temperature in fahrenheit is %d" ,fahrenheit);
return 0;
}
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
C/C++ Compile Run
PS C:\Users\sanch\OneDrive\Desktop\c programming> cd 'c:\Users\sanch\OneDrive\Desktop\c programming\output'
PS C:\Users\sanch\OneDrive\Desktop\c programming\output> & .\'exp2.2.exe'
enter temperature in celsius
60
Temperature in fahrenheit is 140
PS C:\Users\sanch\OneDrive\Desktop\c programming\output>
0 0
Debug
Compile
Compile & Run
Ln 14, Col 1
Spaces: 4
UTF-8
CRLF
C
Win32