

ACTIVITY #01

```
CT-169_Q1.c X CT-169_Q2.c CT-169_Q3.c CT-169_Q4.c CT-169_Q5.c
C: > Users > PRINCE > Desktop > ALISHA UNI > CODE IN PLACE > WEEK 3 TASKS > CT-169_Q1.c > ...
1 // Activity 1
2 #include <stdio.h>
3
4 int main() {
5     float Celsius;
6     printf("Enter temperature in celsius:");
7     scanf("%f",&Celsius);
8     float Fahrenheit;
9     Fahrenheit = Celsius * 9/5 + 32;
10    printf("temperature in Fahrenheit is: %.2f",Fahrenheit);
11 }
12
13 /*
14 Observations:
15 1. Input = 100°C → Output = 212.00°F (Boiling point of water)
16 2. Input = 0°C → Output = 32.00°F (Freezing point of water)
17 3. Input = -40°C → Output = -40.00°F (Same value in both scales)
18 */
```

ACTIVITY #02

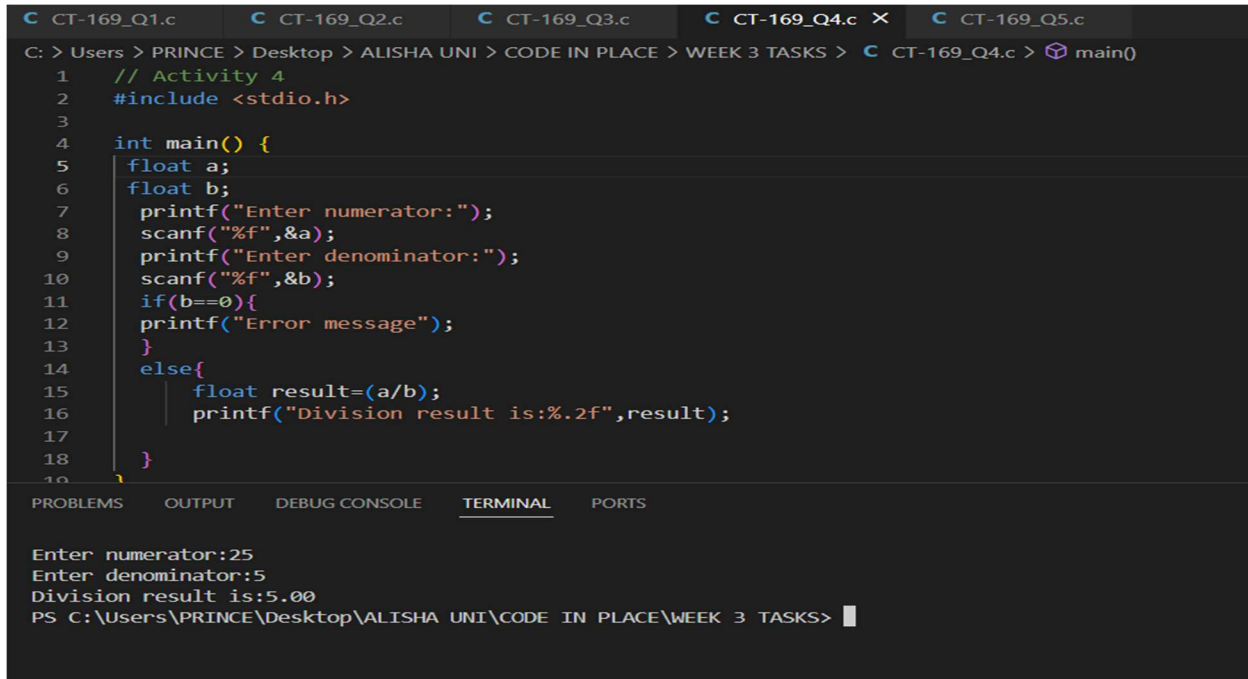
```
CT-169_Q1.c X CT-169_Q2.c X CT-169_Q3.c CT-169_Q4.c CT-169_Q5.c
C: > Users > PRINCE > Desktop > ALISHA UNI > CODE IN PLACE > WEEK 3 TASKS > CT-169_Q2.c > ...
1 // Activity 2
2 #include <stdio.h>
3
4 int main() {
5     int n;
6     printf("Enter your Temperature:");
7     scanf("%d",&n);
8     if(n>30){
9         printf("Weather is hot");
10    }
11 }
12
13
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
Enter your Temperature:38
Weather is hot
PS C:\Users\PRINCE\Desktop\ALISHA UNI\CODE IN PLACE\WEEK 3 TASKS> |
```

ACTIVITY #03

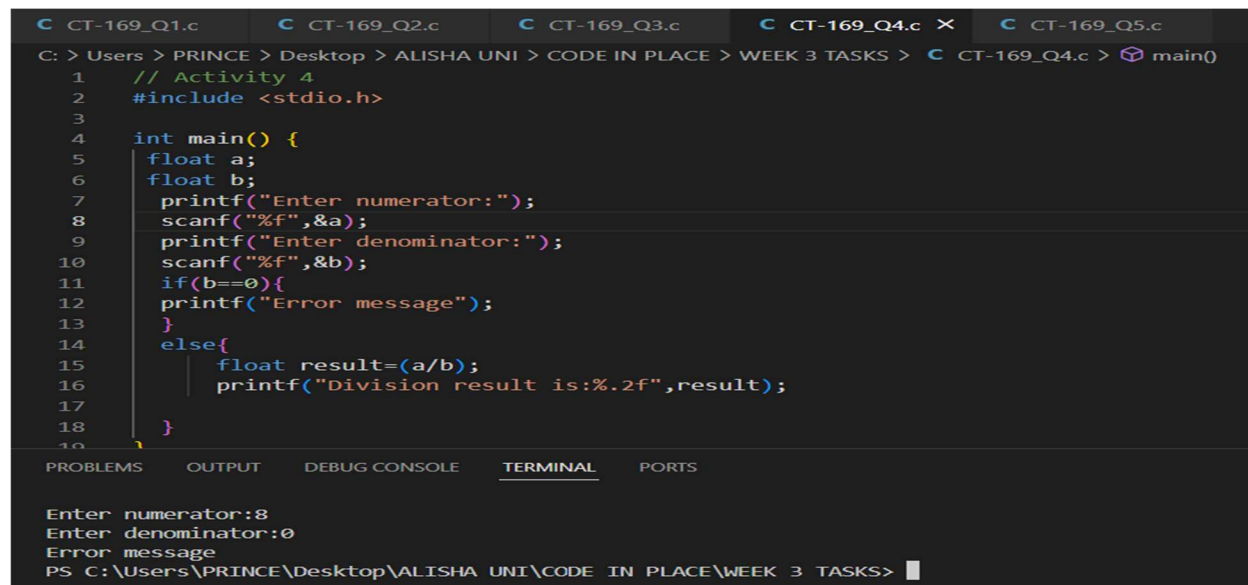
ACTIVITY #04



```
C: > Users > PRINCE > Desktop > ALISHA UNI > CODE IN PLACE > WEEK 3 TASKS > CT-169_Q4.c > main()
1 // Activity 4
2 #include <stdio.h>
3
4 int main() {
5     float a;
6     float b;
7     printf("Enter numerator:");
8     scanf("%f",&a);
9     printf("Enter denominator:");
10    scanf("%f",&b);
11    if(b==0){
12        printf("Error message");
13    }
14    else{
15        float result=(a/b);
16        printf("Division result is:%.2f",result);
17    }
18 }
19
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Enter numerator:25
Enter denominator:5
Division result is:5.00
PS C:\Users\PRINCE\Desktop\ALISHA UNI\CODE IN PLACE\WEEK 3 TASKS>



```
C: > Users > PRINCE > Desktop > ALISHA UNI > CODE IN PLACE > WEEK 3 TASKS > CT-169_Q4.c > main()
1 // Activity 4
2 #include <stdio.h>
3
4 int main() {
5     float a;
6     float b;
7     printf("Enter numerator:");
8     scanf("%f",&a);
9     printf("Enter denominator:");
10    scanf("%f",&b);
11    if(b==0){
12        printf("Error message");
13    }
14    else{
15        float result=(a/b);
16        printf("Division result is:%.2f",result);
17    }
18 }
19
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Enter numerator:8
Enter denominator:0
Error message
PS C:\Users\PRINCE\Desktop\ALISHA UNI\CODE IN PLACE\WEEK 3 TASKS>

HANDS ON ACTIVITY

```
CT-169_Q1.c CT-169_Q2.c CT-169_Q3.c CT-169_Q4.c CT-169_Q5.c X
C: > Users > PRINCE > Desktop > ALISHA UNI > CODE IN PLACE > WEEK 3 TASKS > CT-169_Q5.c > main()
1 // Hands on Activity
2 #include <stdio.h>
3 int main() {
4     float Celsius;
5     printf("Enter temperature in celsius:");
6     scanf("%f",&Celsius);
7     float Fahrenheit;
8     Fahrenheit = Celsius * 9/5 + 32;
9     printf("The temperature in Fahrenheit is %.2f", Fahrenheit);
10    if(Celsius>=30){
11        printf("\nIt's hot!Stay hydrated and wear light clothes");
12    }
13    else if(Celsius>=20 && Celsius<=29){
14        printf("\nNice weather! Perfect for outdoor activities");
15    }
16    else if(Celsius>=10 && Celsius<=19){
17        printf("\nCool weather. Wear a light jacket");
18    }
19    else if(Celsius>=0 && Celsius<=9){
20        printf("\nCold! Wear warm clothes");
21    }
22    else if(Celsius<0){
23        printf("\nFreezing! Stay indoors and bundle up");
24    }
25    return 0;
26 }

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Enter temperature in celsius:25
The temperature in Fahrenheit is 77.00
Nice weather! Perfect for outdoor activities
PS C:\Users\PRINCE\Desktop\ALISHA UNI\CODE IN PLACE\WEEK 3 TASKS>
```

```
CT-169_Q1.c CT-169_Q2.c CT-169_Q3.c CT-169_Q4.c CT-169_Q5.c X
C: > Users > PRINCE > Desktop > ALISHA UNI > CODE IN PLACE > WEEK 3 TASKS > CT-169_Q5.c > main()
1 // Hands on Activity
2 #include <stdio.h>
3 int main() {
4     float Celsius;
5     printf("Enter temperature in celsius:");
6     scanf("%f",&Celsius);
7     float Fahrenheit;
8     Fahrenheit = Celsius * 9/5 + 32;
9     printf("The temperature in Fahrenheit is %.2f", Fahrenheit);
10    if(Celsius>=30){
11        printf("\nIt's hot!Stay hydrated and wear light clothes");
12    }
13    else if(Celsius>=20 && Celsius<=29){
14        printf("\nNice weather! Perfect for outdoor activities");
15    }
16    else if(Celsius>=10 && Celsius<=19){
17        printf("\nCool weather. Wear a light jacket");
18    }
19    else if(Celsius>=0 && Celsius<=9){
20        printf("\nCold! Wear warm clothes");
21    }
22    else if(Celsius<0){
23        printf("\nFreezing! Stay indoors and bundle up");
24    }
25    return 0;
26 }

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Enter temperature in celsius:0
The temperature in Fahrenheit is 32.00
Cold! Wear warm clothes
PS C:\Users\PRINCE\Desktop\ALISHA UNI\CODE IN PLACE\WEEK 3 TASKS>
```

```
CT-169_Q1.c CT-169_Q2.c CT-169_Q3.c CT-169_Q4.c CT-169_Q5.c X
C: > Users > PRINCE > Desktop > ALISHA UNI > CODE IN PLACE > WEEK 3 TASKS > CT-169_Q5.c > main()
1 // Hands on Activity
2 #include <stdio.h>
3 int main() {
4     float Celsius;
5     printf("Enter temperature in celsius:");
6     scanf("%f",&Celsius);
7     float Fahrenheit;
8     Fahrenheit = Celsius * 9/5 + 32;
9     printf("The temperature in Fahrenheit is %.2f", Fahrenheit);
10    if(Celsius>=30){
11        printf("\nIt's hot!Stay hydrated and wear light clothes");
12    }
13    else if(Celsius>=20 && Celsius<=29){
14        printf("\nNice weather! Perfect for outdoor activities");
15    }
16    else if(Celsius>=10 && Celsius<=19){
17        printf("\nCool weather. Wear a light jacket");
18    }
19    else if(Celsius>=0 && Celsius<=9){
20        printf("\nCold! Wear warm clothes");
21    }
22    else if(Celsius<0){
23        printf("\nFreezing! Stay indoors and bundle up");
24    }
25    return 0;
26 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
Enter temperature in celsius:32
The temperature in Fahrenheit is 89.60
It's hot!Stay hydrated and wear light clothes
PS C:\Users\PRINCE\Desktop\ALISHA UNI\CODE IN PLACE\WEEK 3 TASKS> 
```