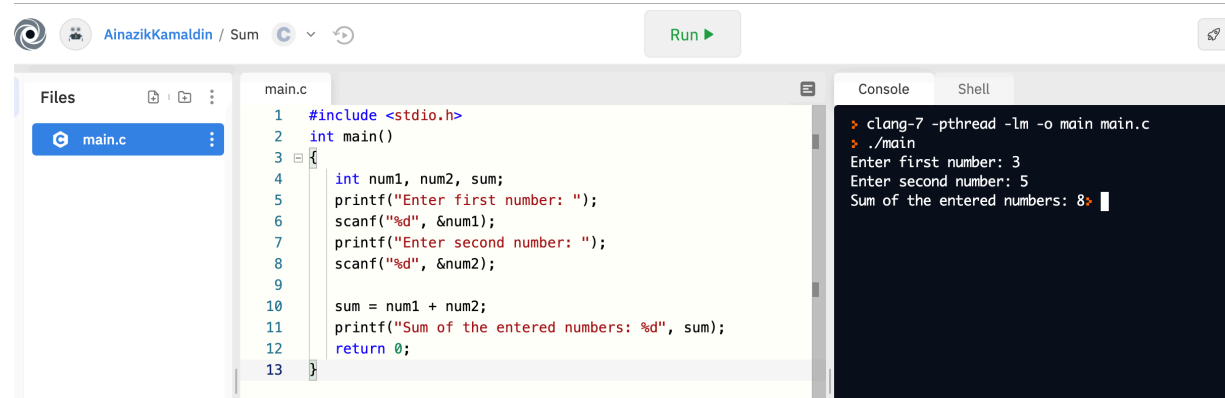


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### Question1 :



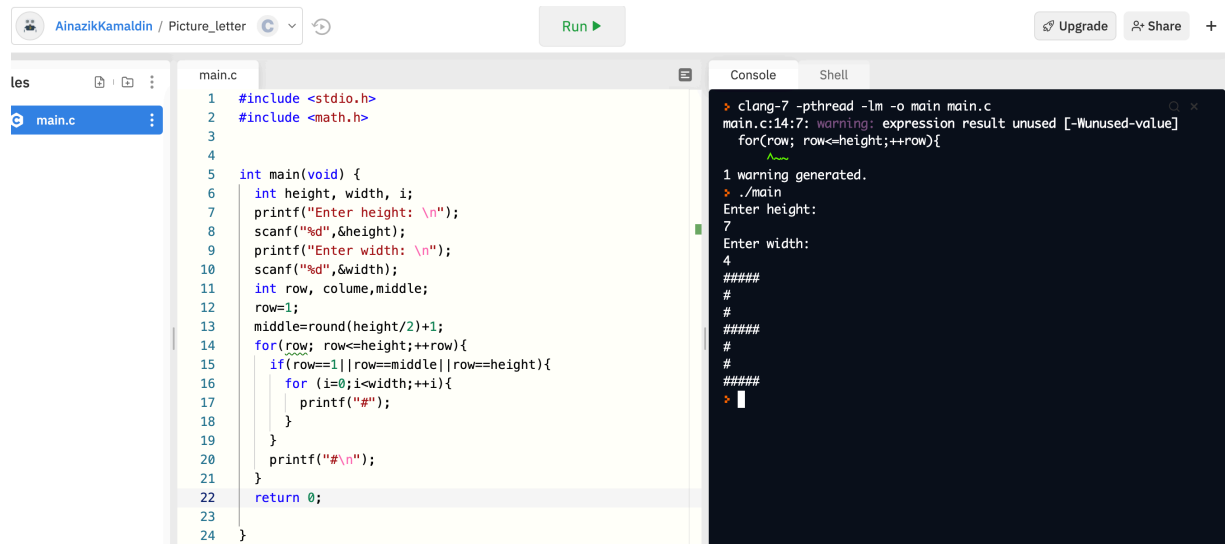
The screenshot shows an IDE with a file named 'main.c'. The code is as follows:

```
1 #include <stdio.h>
2 int main()
3 {
4     int num1, num2, sum;
5     printf("Enter first number: ");
6     scanf("%d", &num1);
7     printf("Enter second number: ");
8     scanf("%d", &num2);
9
10    sum = num1 + num2;
11    printf("Sum of the entered numbers: %d", sum);
12    return 0;
13 }
```

The console output shows the program execution:

```
> clang-7 -pthread -lm -o main main.c
> ./main
Enter first number: 3
Enter second number: 5
Sum of the entered numbers: 8
```

### Question2:



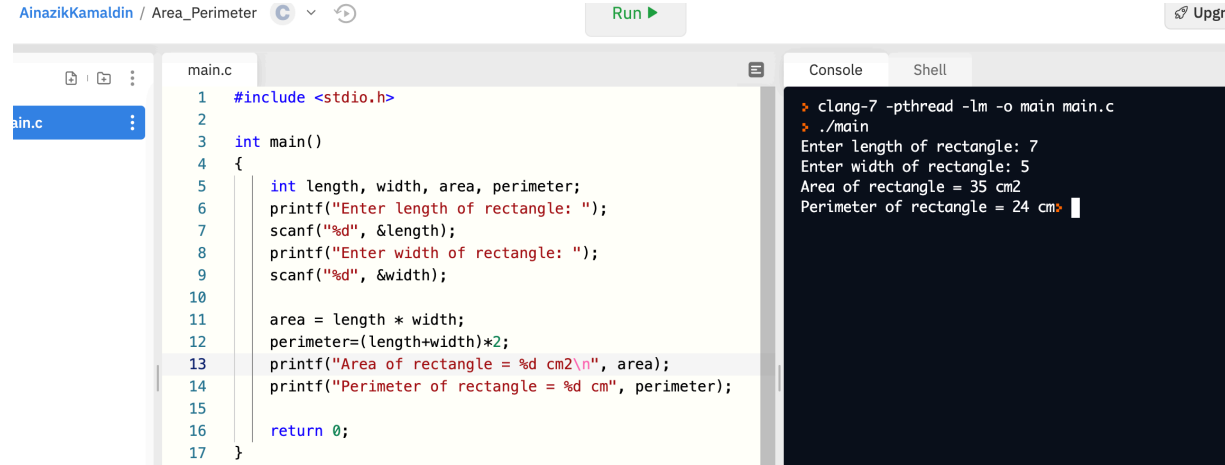
The screenshot shows an IDE with a file named 'main.c'. The code is as follows:

```
1 #include <stdio.h>
2 #include <math.h>
3
4
5 int main(void) {
6     int height, width, i;
7     printf("Enter height: \n");
8     scanf("%d", &height);
9     printf("Enter width: \n");
10    scanf("%d", &width);
11    int row, column, middle;
12    row=1;
13    middle=round(height/2)+1;
14    for(row; row<=height; ++row){
15        if(row==1 || row==middle || row==height){
16            for (i=0; i<width; ++i){
17                printf("#");
18            }
19        }
20        printf("#\n");
21    }
22    return 0;
23 }
24 }
```

The console output shows the program execution:

```
> clang-7 -pthread -lm -o main main.c
main.c:14:7: warning: expression result unused [-Wunused-value]
    for(row; row<=height; ++row){
    ^~~~~
1 warning generated.
> ./main
Enter height:
7
Enter width:
4
####
#
####
#
####
>
```

### Question3:



The screenshot shows an IDE with a file named 'main.c'. The code is as follows:

```
1 #include <stdio.h>
2
3 int main()
4 {
5     int length, width, area, perimeter;
6     printf("Enter length of rectangle: ");
7     scanf("%d", &length);
8     printf("Enter width of rectangle: ");
9     scanf("%d", &width);
10
11    area = length * width;
12    perimeter=(length+width)*2;
13    printf("Area of rectangle = %d cm2\n", area);
14    printf("Perimeter of rectangle = %d cm", perimeter);
15
16    return 0;
17 }
```

The console output shows the program execution:

```
> clang-7 -pthread -lm -o main main.c
> ./main
Enter length of rectangle: 7
Enter width of rectangle: 5
Area of rectangle = 35 cm2
Perimeter of rectangle = 24 cm
```