```c
// Q3: Write a program to calculate the area and perimeter of a rectangle given its length and breadth.

/*
Sample Test Cases:
Input 1:
5 10
Output 1:
Area=50, Perimeter=30
*/

#include <stdio.h>

int main()
{
    int LENGTH, BREADTH, PERIMETER;
    printf("ENTER THE LENGTH\n");
    scanf("%d", &LENGTH);

    printf("ENTER THE BREADTH\n");
    scanf("%d", &BREADTH);

    PERIMETER = 2 * (LENGTH + BREADTH);

    printf("the area is= %d\n", LENGTH * BREADTH);
    printf("the perimeter is= %d\n", PERIMETER);
    return 0;
}
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS C:\Users\drago\OneDrive\Desktop\C PROGRAM> gcc area.c
PS C:\Users\drago\OneDrive\Desktop\C PROGRAM> ./a.exe
ENTER THE LENGTH
5
ENTER THE BREADTH
10
the area is= 50
the perimeter is= 30
PS C:\Users\drago\OneDrive\Desktop\C PROGRAM>
```

```c
// Q4: Write a program to calculate the area and circumference of a circle given its radius.

/*
Sample Test Cases:
Input 1:
7
Output 1:
Area=153.94, Circumference=43.96
*/

#include <stdio.h>

int main()
{
    int r;
    printf("ENTER THE r\n");
    scanf("%d", &r);

    printf("the circumference of the circle is %d is %.2f\n", r, 2 * r * 3.14);
    printf("the area of the circle is %d is %.2f\n", r, r * r * 3.14);
    return 0;
}
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS C:\Users\drago\OneDrive\Desktop\C PROGRAM> gcc area1.c
PS C:\Users\drago\OneDrive\Desktop\C PROGRAM> ./a.exe
ENTER THE r
7
the circumference of the circle is 7 is 43.96
the area of the circle is 7 is 153.86
PS C:\Users\drago\OneDrive\Desktop\C PROGRAM>
```