

LAB 6:

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TASK 1: OUTPUT

```
sherali@linux:~/Desktop$ gcc -o output1 task1.c
task1.c: In function 'main':
task1.c:29:12: warning: too many arguments for format [-Wformat-extra-args]
   29 |     printf("Enter the number of rows and columns", MAX_ROWS);
      |           ^~~~~~
sherali@linux:~/Desktop$ ./output1
Enter the number of rows and columns2 2
Enter matrix elements:
Matrix[0][0]: 1 2
Matrix[0][1]: Matrix[1][0]: 2 1
Matrix[1][1]: Sum of Column 0: 0
Sum of Column 1: 3
```

TASK 2: OUTPUT

```
sherali@linux:~/Desktop$ ./output1
Enter the number of rectangles (<= 10): 5
Enter dimensions for Rectangle 1 (length width): 2 3
Enter dimensions for Rectangle 2 (length width): Rectangle 1: Length=2.00, Width=3.00, Area=6.00, Perimeter=10.00
3 4
Enter dimensions for Rectangle 3 (length width): Rectangle 2: Length=3.00, Width=4.00, Area=12.00, Perimeter=14.00
5 6
Enter dimensions for Rectangle 4 (length width): Rectangle 3: Length=5.00, Width=6.00, Area=30.00, Perimeter=22.00
7 8
Enter dimensions for Rectangle 5 (length width): Rectangle 4: Length=7.00, Width=8.00, Area=56.00, Perimeter=30.00
9 10
Rectangle 5: Length=9.00, Width=10.00, Area=90.00, Perimeter=38.00
```