```
1st Matrix (A):
[[11 16 19]
[21 1 21]]
2nd Matrix (B):
 [[2 0 2]
[2 1 6]]
3rd Matrix (C = A + B):
 [[13 16 21]
 [23 2 27]]
4th Matrix (D = 2 * A):
[[22 32 38]
 [42 2 42]]
5th Matrix (E = Transpose of B):
[[2 2]
 [0 1]
[2 6]]
6th Matrix (F = C \times E):
[[ 68 168]
 [100 210]]
Sum of all elements in Matrix C: 102
7th Matrix (Zero Matrix 2x3):
[[0 0 0]]
 [0 0 0]]
```

