```
□ Function: f(x, y) = e^{x + y}
□ Region of Integration:
    x from 0.00000 to 0.69315
    y from 0.00000 to 1.09861
□ Step 1 - Set up the integral:
        ∬ f(x, y) dx dy = ∫ab ∫cd f(x, y) dy dx
□ Step 2 - Inner integral:
        ∫ from 0.00000 to 1.09861 of e^{x + y} dy = 2.0 e^{x}
□ Step 3 - Outer integral:
        ∫ from 0.00000 to 0.69315 of (2.0 e^{x}) dx = 2.0
□ Symbolic result: 2.0000000000
□ Numerical result: 2.00000000000
□ Stimated error: 4.43e-14
```