Name of the Student:	ID	Section
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Quiz No:1 Math 202 Semester 131

Q1. Verify that 
$$y = e^{-x^2} \int_0^x e^{t^2} dt + \alpha e^{-x^2}$$
 is a family of solutions of  $y'(x) + 2xy = 1$ .

Q2.  $y = \alpha e^x + \beta e^{-x}$  is a two parameter family of solutions of y'' - y = 0. Find a solution y that satisfies y(-1) = 5 and y'(-1) = 5

