**Problem statement** Evaluate the iterated integral \( \int_0^2 \int_{-x}^x (2 + x) \, dy \, dx \) in three ways:

a) Directly.

b) By reversing the order of integration (that is, converting to a double integral and then expressing the double integral as one or a sum of iterated integrals in \( dx \, dy \) order) and finally, computing the result.

c) Changing to an integral in polar coordinates and computing the result.