Q1) Set up -**Don't evaluate**- an integral for the volume of the solid generated by rotating the region enclosed by
$y = x^2 + x$ and $y = -x$ about $y = -3$.   (**Show Your Steps**)

Final Ans.

Q2) Evaluate $\displaystyle\int_0^1 \frac{1}{\left(2-\sqrt{x}\right)^2}\,dx$

Final Ans.