Find
$$\int 2x + 2x^2 - \frac{1}{x} dx = \Re$$

we know that:
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Then,
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Tind Subst; hution; (In (Vx) dr = $\Rightarrow \frac{1}{2} x^{-1/2} dx = dt$ = | ln(+), 2+ dt (-) $\frac{1}{2x^{1/2}} dx = dt$ bi mis g f bi mis g f t². m(+1) - ∫ t², ± dt (=) dx = 2+ d+ ·f(+)=2+ => /2+d+=+2+C = t2. lm(+) - /t dt · g(+) = ln(+) =) g'(+) = 1 = +2. ln(+) - == + C = x. m(vx) - 2+C