2. Find the general solutions of the following:

    (i) $xy' = y + \sqrt{x^2 + y^2}$

    (ii) $y' = \dfrac{2x + 9y - 20}{6x + 2y - 10}$

    (iii) $y' = \dfrac{3x - 4y - 2}{3x - 4y - 3}$

    (iv) $2y' + y = (x - 1) y^3$

    (v) $(x + 3y - 1) \, dx + (3x - 2y + 4) \, dy = 0$