Phuong trinh cua ban la phuong trinh tach bien Phuong trinn cua ban la phuong trinn ta Ta dua phuong trinh ve dang: $\frac{y^2 dy}{y+1} + \frac{dx}{x} = 0$ Tiep theo ta tinh nguyen ham 2 ve: $\int x^{-1} dx + \int \frac{y^2}{y+1} dy = 0$ Vay, nghiem tong quat cua phuong trinh la: $\ln(x) + 1/2y^2 - y + \ln(y+1) = C$

$$\frac{y^2 dy}{y+1} + \frac{dx}{x} = 0$$

$$\int x^{-1} \, \mathrm{d}x + \int \frac{y^2}{y+1} \, \mathrm{d}y = 0$$

$$\ln(x) + 1/2y^2 - y + \ln(y+1) = C$$