Exercise 1 (4 points)
Solve the differential equation \( y'' - 4y = x + \sin x \)

Exercise 2 (6 points)
Solve the differential equation \( x^2 y'' - 2xy' + 2y = x^3 \sin x \)
Exercise 1 (4 points)
Solve the differential equation \( y'' - 9y = x + \cos x \)

Exercise 2 (6 points)
Solve the differential equation \( x^2 y'' - 2xy' + 2y = x^3 \cos x \)