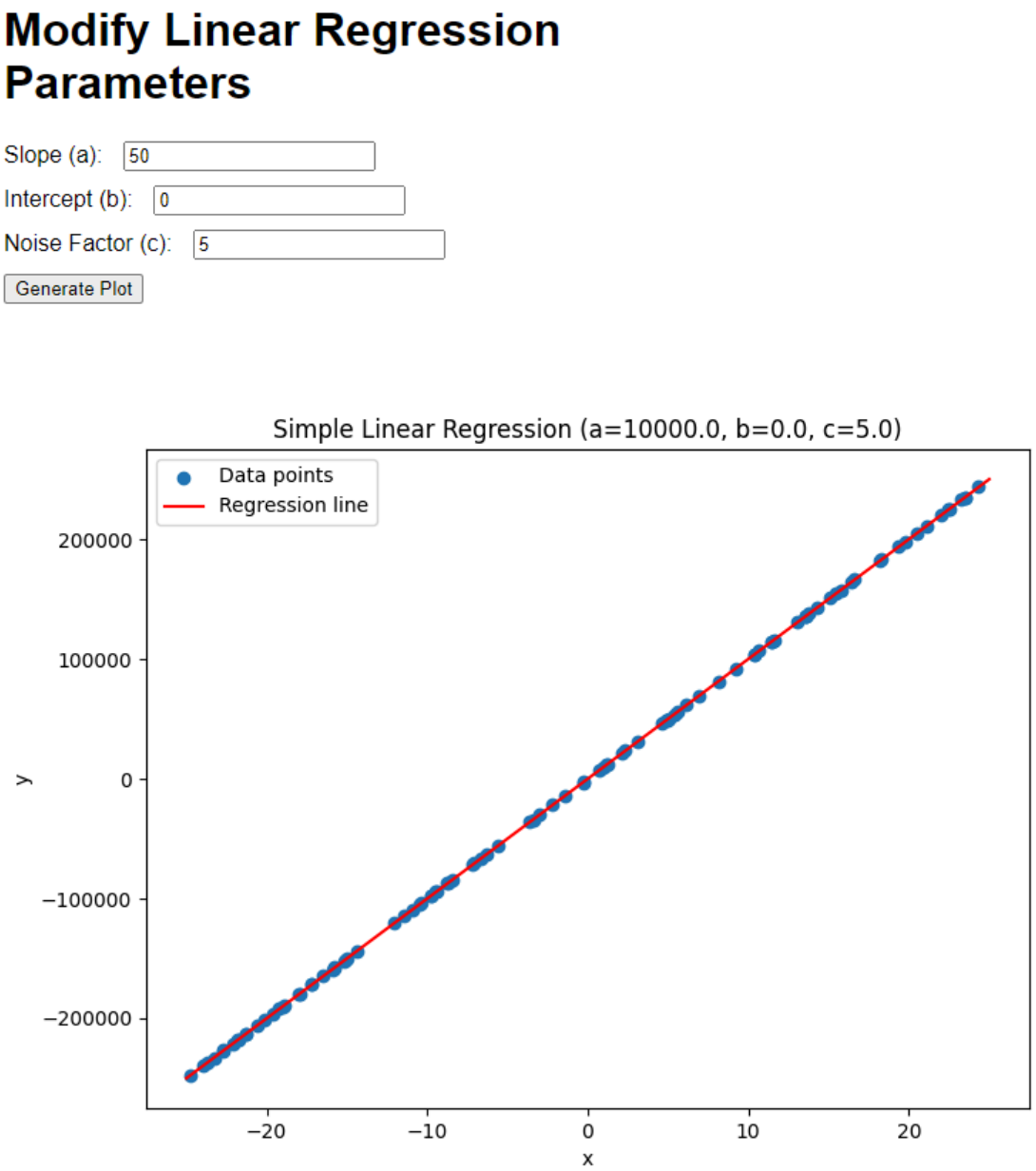
write python to solve simple linear regression problem, following CRISP-DM steps:
1.簡單線性回歸公式 y = a*x + b+c*N(0,variance)
2.draw regression line in red

can you change this simple linear regression formula code into a website(html) that web user can modify a、b、c, noise, number of points, 給我完整的前後端code



這是跑出來的網頁截圖，我想要每次產生圖形後 slope、Intercept、Noise Factor 都歸零，給我新的完整的code

幫我在網頁上的slope, intercept 和 noise factor後面都加上(翻譯), 並說明每個值會影響甚麼

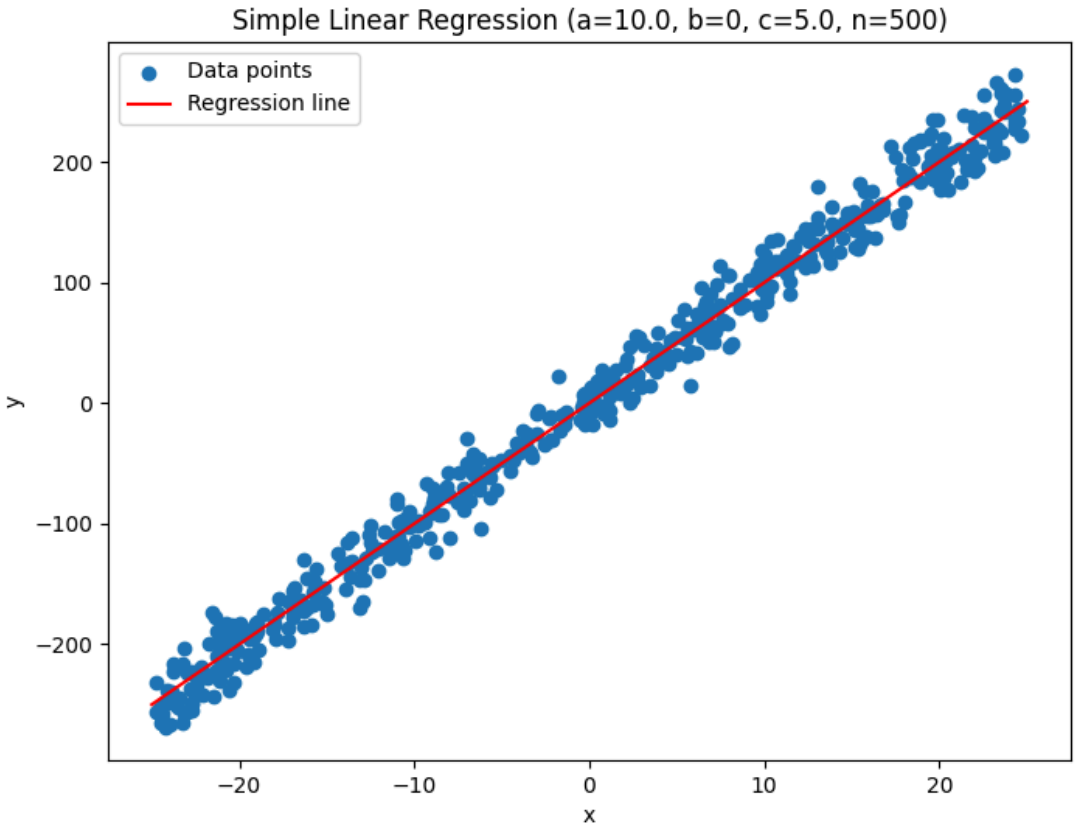
Modify Linear Regression Parameters

Slope (a) - 斜率: 10

Noise Factor (c) - 噪聲因子: 5

Number of Points (n) - 資料點數量: 500

Generate Plot



1.在標題下方顯示此線性回歸公式y=a⋅x+b+c⋅N(0,variance)
2.加上可修改的b值

3.幫我在圖片上加上輸入值的線性回歸的公式，根據輸入不同，這公式也會改變

Modify Linear Regression Parameters

Linear Regression Formula: y = a · x + b + c · N(0, variance)

Slope (a) - 斜率: 1

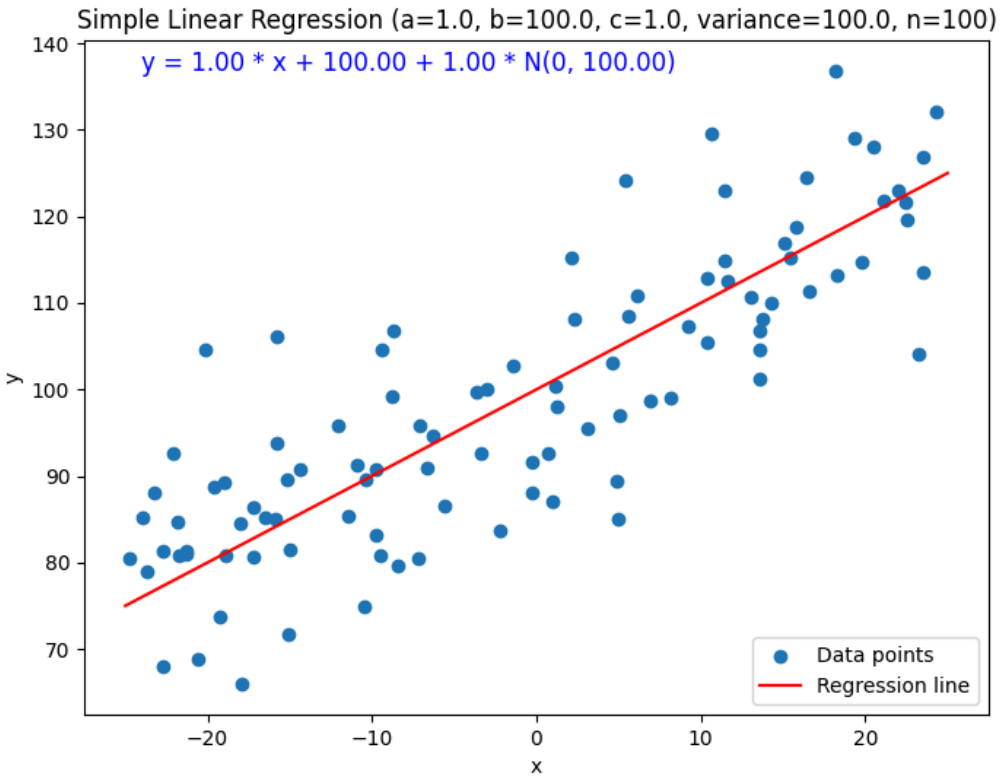
Intercept (b) - 截距: 0

Noise Factor (c) - 噪聲因子: 1

Variance - 方差 (N(0, variance)): 10

Number of Points (n) - 資料點數量: 100

Generate Plot



Final Result

Modify Linear Regression Parameters

Linear Regression Formula: y = a · x + b + c · N(0, variance)

Slope (a) - 斜率: 1

Intercept (b) - 截距: 0

Noise Factor (c) - 噪聲因子: 1

Variance - 方差 (N(0, variance)): 10

Number of Points (n) - 資料點數量: 100

Generate Plot