**EX1:**

**Plot the point:**

图表, 散点图

描述已自动生成

文本

描述已自动生成

**Compute J and b:**

文本

描述已自动生成 文本, 信件

描述已自动生成

**Plot the decision boundary:**

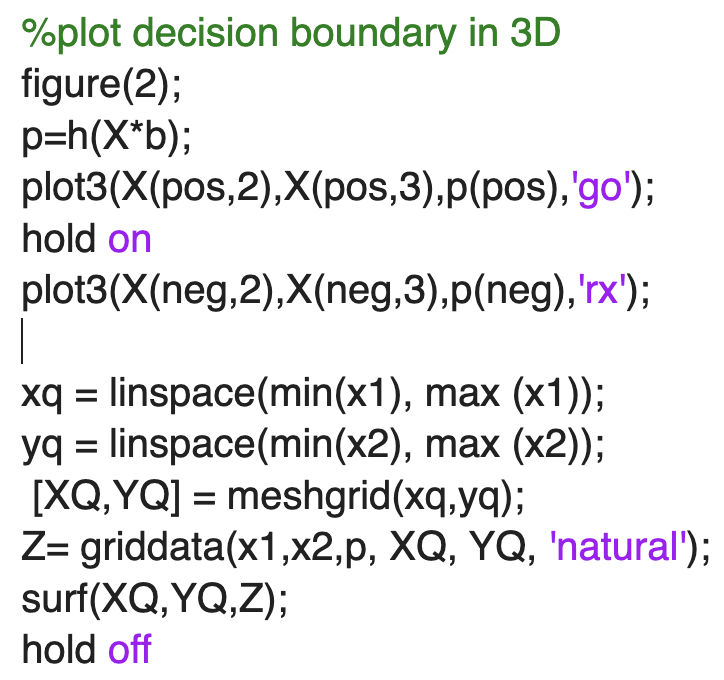
文本, 信件

描述已自动生成

图表, 散点图

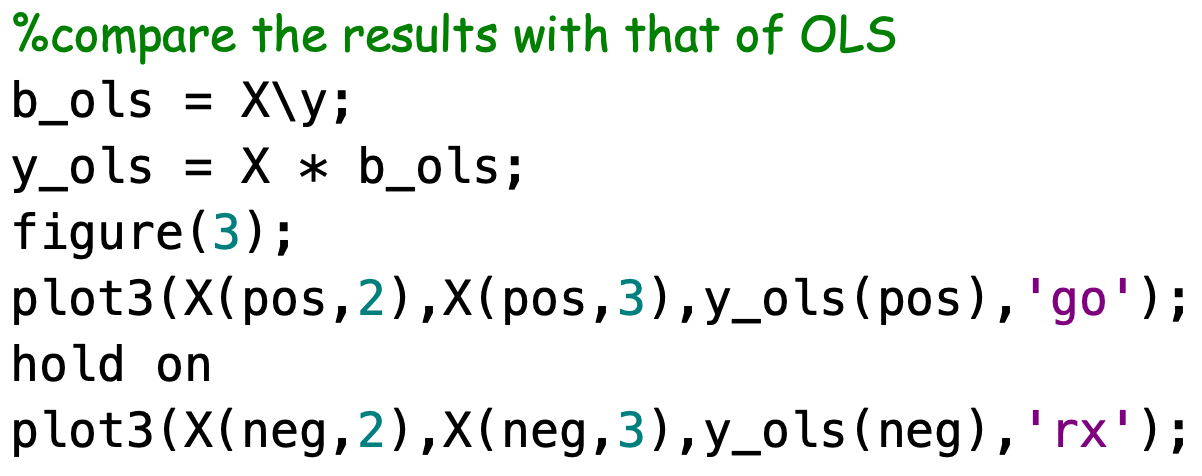
描述已自动生成

**Plot decision boundary in 3D(Not solved problem)：**

**图表, 散点图

描述已自动生成**

**Compare the results with that of OLS:**

****

图表, 散点图

描述已自动生成

**EX2:**

**图形用户界面, 文本, 应用程序, 聊天或短信

描述已自动生成**

**Setting lambda = 0 obtains the same solution as before：**

J =32.4358

b =-16.3711

0.1483

0.1588

**Both norm of b and accuracy are lower with the enlarging of lambda.**

**Lambda=0：N =16.3725 Accuracy =0.8125**

**Lambda=1：N =** **2.5325 Accuracy =** **0.7125**

**Lambda=10：N =** **0.3344 Accuracy =** **0.6125**

**Lambda=100：N =** **0.0598 Accuracy =** **0.5875**