import random;

from sklearn.linear\_model import LinearRegression

print("Ajay Tiwari, 31") feature\_set = [] target\_set = []

number\_of\_rows = 200 random\_number\_limit = 2000

for i in range(0, number\_of\_rows):

x = random.randint(0, random\_number\_limit) y = random.randint(0, random\_number\_limit) z = random.randint(0, random\_number\_limit) print("x=", x, "/t y=", y, "/t z=", z);

function = (10 \* x) + (2 \* y) + (3 \* z) feature\_set.append([x, y, z]) target\_set.append(function)

model = LinearRegression()

model.fit(feature\_set, target\_set)

test\_set = [[193, 1651, 983]]

prediction = model.predict(test\_set)

print("Prediction:" + str(prediction) + '/t coefficient )' + str(model.coef\_))