

PROGRAM NO : 9

AIM : Program to implement multiple regression techniques using any standard dataset available in the public domain and evaluate its performance (Using Without Builtin Function)

PROGRAM

```
import pandas
from sklearn import linear_model

df=pandas.read_csv('cars.csv')
x = df[['Weight','Volume']]
y = df['CO2']

regr=linear_model.LinearRegression()
regr.fit(x.values,y)

pridictedC02=regr.predict([[2300,1300]])
print(pridictedC02)
```

OUTPUT

```
C:\Users\ajcemca\PycharmProjects\pythonProject\venv\Scripts\python.exe C:/Users
[107.2087328]
|
Process finished with exit code 0
```