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from sklearn.linear_model import LinearRegression
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**Q1.** car\_age = [5,7,8,7,2,17,2,9,4,11,12,9,6]

car\_speed = [99,86,87,88,111,86,103,87,94,78,77,85,86] Using the given dataset,

- (i) Draw the line of linear regression
- (ii) Find car\_speed for car\_age 14.

**Q2.** Implement Simple Linear regression based on

age = [18, 22, 30, 45, 65, 80]

accident\_no = [38, 36, 24, 20, 18, 28]

- (i) Fit and display the regression line for the above data.
- (ii) Find number of accidents for the ages 40 and 60.