########### OUTPUT ###########

# Enter dataset values for X: (Press q to quit)

# 0

# 1

# 2

# 3

# 4

# q

# Enter dataset values for Y: (Press q to quit)

# 2

# 3

# 5

# 4

# 6

# q

# Enter x value: 10

# [2.2, 0.9]

# 10

# FINAL DATA:

# X Y X - X' Y - Y' (X - X') \* (Y - Y') (X - X') ^ 2

# 0 0 2 -2.0 -2.0 4.0 4.0

# 1 1 3 -1.0 -1.0 1.0 1.0

# 2 2 5 0.0 1.0 0.0 0.0

# 3 3 4 1.0 0.0 0.0 1.0

# 4 4 6 2.0 2.0 4.0 4.0

# For x = 10

# By custom linear regression model: y = 11.2

# By scikit-learn linear regression model: y = 11.2