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	Problem 1. Find regression line that Fits
	(-2,2),(2,4),(3,8),(5,1),(4,7)
	parta
	$\sum_{i=1}^{n} (y^{i} - 0x^{i}) \qquad \sum_{i=1}^{n} y^{i} (y^{i} - 0)$
	$\Theta_{i} = \frac{1}{i} = \frac{1}{i}$
	$O_{0} = \sum_{i=1}^{n} (y^{i} - O_{x}^{i})$ $O_{1} = \sum_{i=1}^{n} x^{i} (y^{i} - O_{0})$ $\sum_{i=1}^{n} (x^{i})^{2}$
-	m=5
	$\sum_{i=1}^{n} (x^{i})^{2} = (-2)^{2} + 2^{2} + 3^{2} + 5^{2} + 4^{2} = 58$
	$\theta = (2 - \theta_1(-2)) + (4 - \theta_1(2)) + (8 - \theta_1(3)) + (11 - \theta_1(5)) + (17 - \theta_1(4))$
(A	58
	2+20+4-20+8-30+11-50+17-40
u u	0=2+30+4-20+8-30+11-50+17-40
	$\theta = \frac{42 - 120}{5}$
	V 0
	$\Theta_1 = -2(2-\Theta_0) + 2(4-\Theta_0) + 3(8-\Theta_0) + 5(11-\Theta_0) + 4(17-\Theta_0)$
	58
0.00	$\theta_1 = -4 + 2\theta_0 + 8 - 2\theta_0 + 24 - 3\theta_0 + 55 - 5\theta_0 + 68 - 4\theta_0$
	0, = 58
	$\Theta_1 = \frac{15 -12\Theta_0}{58}$
	58
	0 - 151 - 12(0)
	$\Theta_1 = \frac{151}{58} - \frac{12}{58}(\Theta_0)$
	$\theta_0 = \frac{42}{5} - \frac{12}{5}(\theta)$

$$\Theta_{1} = \frac{151}{58} - \frac{12}{58}(\Theta_{0})$$

$$\Theta_{0} = \frac{42}{5} - \frac{12}{58}(\Theta_{1})$$

$$\Theta_{1} = \frac{151}{58} - \frac{12}{58}(\frac{42}{5} - \frac{12}{5}(\Theta_{1}))$$

$$\frac{72}{145} + \Theta_{1} = \frac{151}{58} - \frac{252}{145} + \frac{72}{145}(\Theta_{1}) - \frac{72}{145}(\Theta_{1})$$

$$\frac{145}{23} \Theta_{1} = \frac{151}{58} - \frac{252}{145} + \frac{145}{73}(\Theta_{1})$$

$$\Theta_{1} = 1.719$$

$$\Theta_{0} = \frac{42}{5} - \frac{12}{5}(1.719)$$

$$\Theta_{0} = 4.2744$$

$$\psi = \frac{4.2744}{5} + \frac{1.719}{5}$$

W1	
	Problem 1.
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	Part C
	b = 4.0807
	$Part c$ $b_0 = 4.0807$ $b_1 = -0.4424$
	y= 4.0807-0.4424x
, and	
y - 1	
Name of the last o	