	Computational Sta	utistics and	Probabilitu	Section [0]
	Assignment 1 Finals			Section [0] When, Marhive Pahn 18-36303-1
The second secon		ers semi-tou	43 lal = <del>4643</del> +51 +64 = 158	$ \frac{10 \ 2011, 2012, 2013}{76 + 81 + 96} \\ = 253 $
	Sem	i-average =	158/2 = 79	Semi average = $253/2$ , = $126.5$
	Years 2008 Trend Values 63.2		15.8=79 15.8=94.8 15.8=110.6 \( \Delta \text{ Semi} \).	between the central years=  12-2009 = 3  -averages = 47.5  trend for one year = 47.5  = 15.8
	Year 5 2004	Loons	3y Semi-total	34 semi average
	2005	40	)21	40.33
	2006	39	106	35.33
	2007	25	91	30.33
	2008	27	103	34.33
	2009	51	106	35-33
	2010	28	105	35
	2011	26	85	28.33
	2012	31	87	29
	2013	30	109	36.33
		The state of the s		

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$$P = \begin{bmatrix} 0.6 & 0.4 \\ 0.0 & 0.2 \end{bmatrix}$$

$$P^{4} = \begin{bmatrix} 0.68 & 0.32 \\ 6.64 & 0.36 \end{bmatrix} \begin{bmatrix} 0.68 & 0.32 \\ 0.64 & 0.36 \end{bmatrix} \begin{bmatrix} 0.68 & 0.32 \\ 0.64 & 0.36 \end{bmatrix} = \begin{bmatrix} 0.6656 & 6.3344 \\ 0.6656 & 0.33344 \end{bmatrix}$$

$$= \begin{bmatrix} 0.6672 & 0.3328 \\ 0.6656 & 0.33344 \\ 0.6656 & 0.33344 \end{bmatrix}$$

$$= \begin{bmatrix} 0.66656 & 0.33344 \\ 0.6668 & 0.33312 \end{bmatrix}$$

Prohability of people entering the shop from 9-2pm = 0.66656/

$$\begin{array}{cccc}
(1) & ($$

$$|\hat{n}| P(\pm 1 < T < 2)$$

$$= e^{-\lambda t_1} - e^{-\lambda t_2}$$

$$= e^{-2} - e^{-4}$$

$$= 0.117$$