Calculate risk premium and standard deviation of (excess) return for the investor's optimal portfolio.

	Risk Premium	Standard_deviation
Cnsmr	0.845167	6.248971
Manuf	0.782500	7.005097
HiTec	1.088917	6.043688
Hlth	0.665333	7.642189
Other	0.989417	5.261207

Calculate implied risk premiums for the five industry portfolios. **You must show all relevant working.**

```
treynor = (portfolio.mean())/alpha_beta_table["Beta"]
treynor_ratio = pd.DataFrame(treynor,columns=["Treynor_Ratio"])
treynor_ratio
```

	Treynor_Ratio
Cnsmr	0.700400
Manuf	0.597399
HiTec	0.899834
Hlth	0.559742
Other	0.969046