07.1 - Data Parsing

The provided module `data.py` contains data on the average annual retail price of gasoline in the United States from 1950 until 2021. The data includes 4 values for each year; the year, the real price in dollars per gallon, an inflation adjustment factor, and the inflation adjusted price in 2021 dollars per gallon. This data is stored as a single list with the values for each year stored consecutively.

Write a program that imports this data from the provided `data` module and parses it to calculate the average retail price of gasoline in each decade (Hint: consider using list slicing to extract the necssary data.) The results should be displayed as a formatted table. This program should run *without* user input.

Finally, format your program to match the sample below. Your output should exactly match the sample output, character for character, including all white space and punctuation. Save your program as `data_parsing_login.py`, where `login` is your Purdue login. Then submit it along with a screenshot showing a test run of your program.

Terminal

```
$ python data_parsing_login.py
          :  Price
  Decade  : in 2021
          : Dollars
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1950-1959 :  $2.919
1960-1969 :  $2.714
1970-1979 :  $2.826
1980-1989 :  $3.099
1990-1999 :  $2.103
2000-2009 :  $2.944
2010-2019 :  $3.358
2020-2029 :  $2.654
```