Aim: to execute ponday program to create a pirot table and find the maximum and minimum scale value of the items (refer sales-data-table)

pseudo code .

- & import necessary library (pondas)
- I load the sales data into a Pandas bata Frame
- summarize sales data by item, finding the maximum and
- I Extract the maximum and minimum sales value from table
- & Display the results

Sample input:

sales-data table

Sample output:

A 200 ho

B 150 120

Ireno Um bisatel

desplace signals

Result: Therefore the pandor program for maximum sales value executed successfully

```
# Load the sales data
sales_data = pd.read_csv("C:/Users/abhip/OneDrive/Documents/DSA05_LAB/sales.csv")
# Create a fivot_table to find the maximum and minimum sales for each item
pivot_table = sales_data.pivot_table(values='Sales', index='Item', aggfunc=['max', 'min'])
# Rename the columns for clarity
pivot_table.columns = ['Max Sales', 'Min Sales']
# Display the Pivot_table showing Maximum and Minimum Sales for each item:")
print("Pivot_table)

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## Display the Pivot_table showing Maximum and Minimum
```

IDLE Shell 3.12.4

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import pandas as pd