**Coding Challenge**

**Question 2:**

Execute Pyspark -sparksql joins & Applying Functions in a Pandas DataFrame

**Joins**

**Two datafrmaes on which we will perform joins:**

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**Inner Join:**

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**Outer Join:**

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**Left Join:**

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**Right Join:**

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**LeftSemi Join:**

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Description automatically generated**

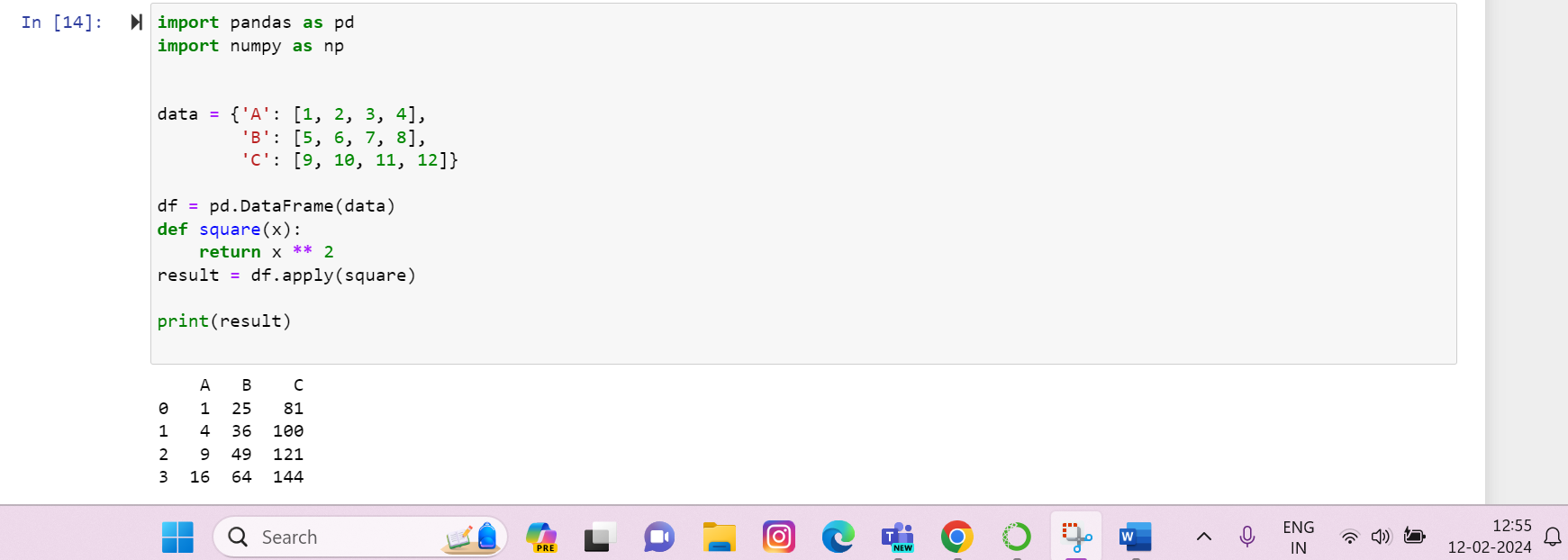
**Leftanti Join:**

**A screenshot of a computer

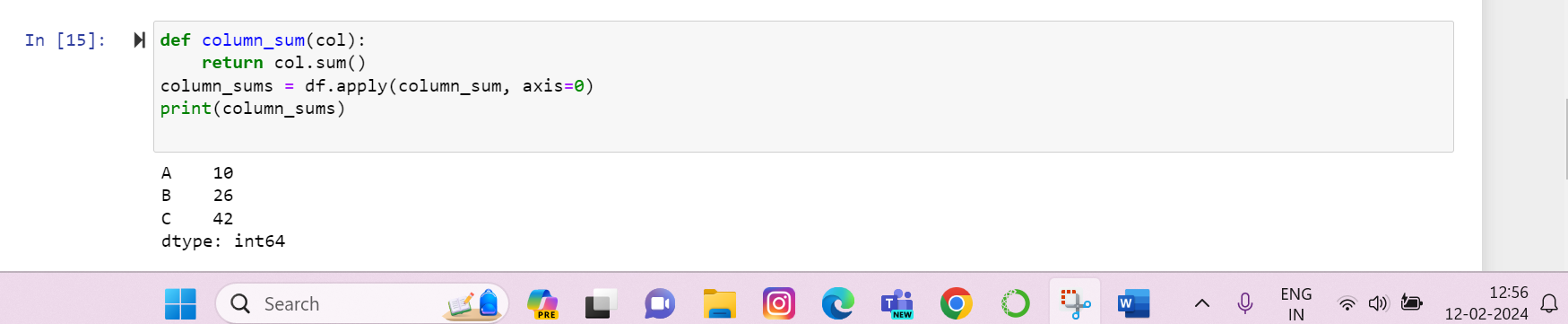
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**Applying Functions in a Pandas DataFrame**

**Using apply():**

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**Using axis() with apply():**

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**Using lambda() with apply() and axis():**

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