Exp 10)

Pip install spacy

!python -m spacy download en\_core\_web\_sm

# Import spacy

import spacy

# Load the small English NLP model

nlp = spacy.load('en\_core\_web\_sm')

# The sentence to analyze

sentence = "European authorities fined Google a record 55.1 billion on Wednesday for abusing its power in the mobile phone market and ordered the company to alter its practices."

# Process the sentence using the NLP model

doc = nlp(sentence)

# Print the named entities with their labels

for ent in doc.ents:

print(f"{ent.text}: {ent.label\_}")

**Explanation of Entity Labels:**

* **GPE**: Countries, cities, states.
* **ORG**: Companies, agencies, institutions, etc.
* **DATE**: Absolute or relative dates or periods.
* **MONEY**: Monetary values.

output

European: NORP

Google: ORG

55.1 billion: MONEY

Wednesday: DATE