

✓ SALONI BHINGARDIVE ROLL NO.23 NLP PRAC 07

```
import nltk
import spacy
nlp= spacy.load('en_core_web_sm')
content="Cricket tops the list when it comes to favourite sports of India. The craze is so much so
doc=nlp(content)
for entity in doc.ents:
    print(entity.text,entity.label_)

spacy.displacy.render(doc,style="ent")
```

→ India GPE
 Indian NORP
 Sachin Tendulkar PERSON
 Saurav Ganguly ORG
 Sachin Tendulkar PERSON
 Bihar GPE

Cricket tops the list when it comes to favourite sports of India **GPE** . The craze is so much so that some of the
 Indian **NORP** cricketers such as Sachin Tendulkar **PERSON** and Saurav Ganguly **ORG** are literally

```
import nltk
import spacy
nlp= spacy.load('en_core_web_sm')
content2="Space assets operating in outer space are vulnerable to various environmental hazards- na
doc=nlp(content2)
for entity in doc.ents:
    print(entity.text,entity.label_)

spacy.displacy.render(doc,style="ent")
```

→ Space Situational Awareness ORG
 SSA ORG
 annual DATE
 the Indian Space Situational Assessment Report ORG
 the year 2023 DATE

Space assets operating in outer space are vulnerable to various environmental hazards- natural objects like
 asteroids, comets, and meteoroids, energy and particle flux, and artificial space objects. Therefore, continual
 awareness of the space environment and its future evolution, namely Space Situational Awareness **ORG** (SSA),
 becomes an essential pre-requisite for safe and sustainable operations in outer space. ISRO's SSA **ORG**

```
import nltk
import spacy
nlp= spacy.load('en_core_web_sm')
content2="Jaipur is the capital and the largest city of the north-western Indian state of Rajasthan
doc=nlp(content2)
for entity in doc.ents:
    print(entity.text,entity.label_)

spacy.displacy.render(doc,style="ent")
```



Jaipur PERSON
Indian NORP
Rajasthan GPE
2011 DATE
3.1 million CARDINAL
tenth ORDINAL
268 km QUANTITY
167 miles QUANTITY
New Delhi GPE
the Pink City LOC
Jaipur PERSON
1727 DATE
Sawai Jai Singh II PERSON
the Kachhwaha Rajput ORG
Amer PERSON
India GPE
Vidyadhar Bhattacharya PERSON
British NORP
Jaipur State PERSON
Indian NORP
1947 DATE
Jaipur PERSON
Rajasthan GPE
1949 DATE

Jaipur **PERSON** is the capital and the largest city of the north-western **Indian NORP** state of **Rajasthan**

GPE. As of **2011 DATE**, the city has a population of **3.1 million CARDINAL**, making it the **tenth**

ORDINAL most populous city in the country. Located **268 km QUANTITY** (**167 miles QUANTITY**) from the