

TEAM ID	PNT2022TMID32810
PROJECT NAME	SMART SOLUTIONS FOR RAILWAYS

## **DESTINATION:**

**# -\*- coding: utf-8 -\*-**

**""""START\_AND\_DESTINATION.ipynb**

**Automatically generated by Colaboratory.**

**Original file is located at**

**[https://colab.research.google.com/drive/1UPw4JDdUW\\_Vm4mqNtxF6zsW-YAYdWiki](https://colab.research.google.com/drive/1UPw4JDdUW_Vm4mqNtxF6zsW-YAYdWiki)**

**""""**

**# import module**

**import requests**

**from bs4 import BeautifulSoup**

**# user define function**

**# Scrape the data**

**def getdata(url):**

**r = requests.get(url)**

**return r.text**

**# input by geek**

**from\_Station\_code = "GAYA"**

**from\_Station\_name = "GAYA"**

**To\_station\_code = "PNBE"**

**To\_station\_name = "PATNA"**

**# url**

**url = "https://www.railatri.in/booking/trains-between-stations?from\_code="+from\_Station\_code+"&from\_name="+from\_Station\_name+"+JN+"&journey\_date=+Wed&src=tbs&to\_code=" + \**

**To\_station\_code+"&to\_name="+To\_station\_name + \**

**" +JN+"&user\_id=-**

**1603228437&user\_token=355740&utm\_source=dwebsearch\_tbs\_search\_trains"**

**# pass the url**

**# into getdata function**

**htmldata = getdata(url)**

**soup = BeautifulSoup(htmldata, 'html.parser')**

**# find the Html tag**

**# with find()**

**# and convert into string**

```
data_str = ""
```

```
for item in soup.find_all("div", class_="col-xs-12  
TrainSearchSection"):
```

```
    data_str = data_str + item.get_text()
```

```
result = data_str.split("\n")
```

```
print("Train between "+from_Station_name+" and  
"+To_station_name)
```

```
print("")
```

```
# Display the result
```

```
for item in result:
```

```
    if item != "":
```

```
        print(item)
```