

```
# Python program to find PNR
# status using RAILWAY API

# import required modules
import requests, json

# Enter API key here
api_key = "Your_API_key"

# base_url variable to store url
base_url = "https://api.railwayapi.com/v2/pnr-status/pnr/"

# Enter valid pnr_number
pnr_number = "6515483790"

# Stores complete url address
complete_url = base_url + pnr_number + "/apikey/" + api_key + "/"

# get method of requests module
# return response object
response_ob = requests.get(complete_url)

# json method of response object convert
# json format data into python format data
result = response_ob.json()
```

```
# now result contains list

# of nested dictionaries

if result["response_code"] == 200:

    # train name is extracting

    # from the result variable data

    train_name = result["train"]["name"]

    # train number is extracting from

    # the result variable data

    train_number = result["train"]["number"]

    # from station name is extracting

    # from the result variable data

    from_station = result["from_station"]["name"]

    # to_station name is extracting from

    # the result variable data

    to_station = result["to_station"]["name"]

    # boarding point station name is

    # extracting from the result variable data

    boarding_point = result["boarding_point"]["name"]
```

```
# reservation upto station name is

# extracting from the result variable data
reservation_upto = result["reservation_upto"]["name"]


# store the value or data of "pnr"
# key in pnr_num variable
pnr_num = result["pnr"]


# store the value or data of "doj" key
# in variable date_of_journey variable
date_of_journey = result["doj"]


# store the value or data of
# "total_passengers" key in variable
total_passengers = result["total_passengers"]


# store the value or data of "passengers"
# key in variable passengers_list
passengers_list = result["passengers"]


# store the value or data of
# "chart_prepared" key in variable
chart_prepared = result["chart_prepared"]


# print following values
```

```
print(" train name : " + str(train_name)
      + "\n train number : " + str(train_number)
      + "\n from station : " + str(from_station)
      + "\n to station : " + str(to_station)
      + "\n boarding point : " + str(boarding_point)
      + "\n reservation upto : " + str(reservation_upto)
      + "\n pnr number : " + str(pnr_num)
      + "\n date of journey : " + str(date_of_journey)
      + "\n total no. of passengers: " + str(total_passengers)
      + "\n chart prepared : " + str(chart_prepared))
```

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# looping through passenger list
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for passenger in passengers_list:
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```
    # store the value or data
```

```
    # of "no" key in variable
```

```
    passenger_num = passenger["no"]
```

```
    # store the value or data of
```

```
    # "current_status" key in variable
```

```
    current_status = passenger["current_status"]
```

```
    # store the value or data of
```

```
    # "booking_status" key in variable
```

```
    booking_status = passenger["booking_status"]
```

```
# print following values
```

```
print(" passenger number : " + str(passenger_num)  
      + "\n current status : " + str(current_status)  
      + "\n booking_status : " + str(booking_status))
```

```
else:
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```
print("Record Not Found")
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