Pre-Recruitment Test
Position: Web Scraper

Disclaimer:

Task: Verify the status and validity of Sales Tax Number (TIN) and obtain allied information if valid

Website URL: http://mahavat.gov.in/Tin_Search/Tinsearch.jsp

Input: "TIN" OR "PAN" OR "Entity Name"

Output: "No Records Found" OR
"TIN", "Entity Name", "Status", "Effective / Cancellation Date", "Address", "Old RC Number", "Financial Year", "Frequency Name"
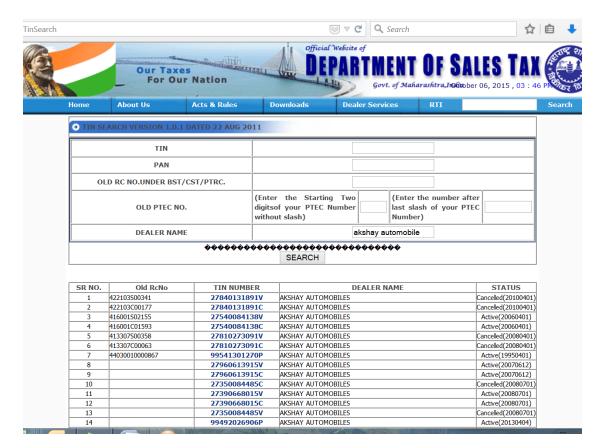
User Output:
If (Input=TIN AND Output = "No Records Found", then "Warning! Invalid TIN", Else if Status = "Cancelled", then "Warning! Cancelled TIN", else "TIN Valid Since "Effective/Cancellation Date"")

If (Input=Entity Name AND Output = "No Records Found", then "Warning! Entity Not Registered under VAT", Else if Status = "Cancelled", then "Warning! Cancelled Registration", else "TIN Valid Since "Effective/Cancellation Date"")
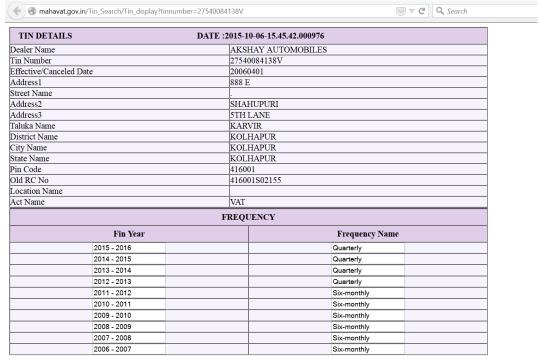
If (Input=PAN AND Output = "No Records Found", then "Warning! No Entities Registered with this PAN", Else if Status = "Cancelled", then "Warning! Cancelled Registration", else "TIN Valid Since "Effective/Cancellation Date"")

Incase if output is valid (maybe more than one valid output for a single input, screenshot below), also ensure that the details from the 2nd screen are also captured for all output. eg:

As there is more than one TIN number for search of Akshay Automobiles, for all active entities, the following details appear:

These details also need to be captured for all active dealers.

Test Data for your understanding only. The code you write must be able to accept adhoc TIN/PAN/Dealer names as well:

Sample TIN Numbers:
27680809621V
27930564704V
27610264859V
27180597563V
27750845036V
27690863111V
27860856761V
27600911418V
27730809642V
27480508740V

Sample Entity Names:
ALSTOM TRADING CO PVT LTD
AROMA INDUSTRIES
BAVIK ENTRPRISES
C N CORORATION
CAMEL PHARMACARE
CANDY FILTERS BOMBAY LTD
CITYBASE MULTITRADE PRIVATE LIMITED
CRYOTION TRADING CO PVT LTD
DURA BARREL PACKAGING PVT LTD
DURALLOY CUTTERS LTD

Sample PAN Numbers:
BVZPS1846R
AACPM9386P
AABCB8718J
AAACN1521F
AAAFP1534E
ACEPM7953Q

Sample Output Format:

99571812880P,ACL MOBILE LTD,Active(20101230),20101230,303, COMMERCE CENTER,,,B-27, VEERA INDUSTRIAL ESTATE, LINK ROAD,,ANDHERI (W),MUMBAI,MUMBAI,GREATER MUMBAI (M CORP.),MAHARASHTRA,400053,,***27965231600P,ACL MOBILE LTD,Active(20101230),20101230,303, COMMERCE CENTER,,,B-27, VEERA INDUSTRIAL ESTATE, LINK ROAD,,ANDHERI (W),MUMBAI,MUMBAI,GREATER MUMBAI (M CORP.),MAHARASHTRA,400053,,***

**NOTE: Each string is separated by `***` value

And its inner string by `,`