



Pre-Recruitment Test

Position: Web Scraper

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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:

TinSearch

Search

Official Website of
DEPARTMENT OF SALES TAX
 Govt. of Maharashtra

Home About Us Acts & Rules Downloads Dealer Services RTI Search

TIN SEARCH VERSION 1.0.1 DATED 22 AUG 2011

TIN			
PAN			
OLD RC NO.UNDER BST/CST/PTRC.			
OLD PTEC NO.	(Enter the Starting Two digitsof your PTEC Number without slash)		(Enter the number after last slash of your PTEC Number)
DEALER NAME	akshay automobile		

SEARCH

SR NO.	Old RcNo	TIN NUMBER	DEALER NAME	STATUS
1	422103500341	27840131891V	AKSHAY AUTOMOBILES	Canceled(20100401)
2	422103C00177	27840131891C	AKSHAY AUTOMOBILES	Canceled(20100401)
3	416001S02155	27540084138V	AKSHAY AUTOMOBILES	Active(20060401)
4	416001C01593	27540084138C	AKSHAY AUTOMOBILES	Active(20060401)
5	413307500358	27810273091V	AKSHAY AUTOMOBILES	Canceled(20080401)
6	413307C00063	27810273091C	AKSHAY AUTOMOBILES	Canceled(20080401)
7	44030010000867	99541301270P	AKSHAY AUTOMOBILES	Active(19950401)
8		27960613915V	AKSHAY AUTOMOBILES	Active(20070612)
9		27960613915C	AKSHAY AUTOMOBILES	Active(20070612)
10		27350084485C	AKSHAY AUTOMOBILES	Canceled(20080701)
11		27390668015V	AKSHAY AUTOMOBILES	Active(20080701)
12		27390668015C	AKSHAY AUTOMOBILES	Active(20080701)
13		27350084485V	AKSHAY AUTOMOBILES	Canceled(20080701)
14		99492026906P	AKSHAY AUTOMOBILES	Active(20130404)

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

mahavat.gov.in/Tin_Search/Tin_display?tinnnumber=27540084138V

Search

TIN DETAILS		DATE :2015-10-06-15.45.42.000976	
Dealer Name	AKSHAY AUTOMOBILES		
Tin Number	27540084138V		
Effective/Canceled Date	20060401		
Address1	888 E		
Street Name	.		
Address2	SHAHUPURI		
Address3	5TH LANE		
Taluka Name	KARVIR		
District Name	KOLHAPUR		
City Name	KOLHAPUR		
State Name	KOLHAPUR		
Pin Code	416001		
Old RC No	416001S02155		
Location Name			
Act Name	VAT		
FREQUENCY			
Fin Year	Frequency Name		
2015 - 2016	Quarterly		
2014 - 2015	Quarterly		
2013 - 2014	Quarterly		
2012 - 2013	Quarterly		
2011 - 2012	Six-monthly		
2010 - 2011	Six-monthly		
2009 - 2010	Six-monthly		
2008 - 2009	Six-monthly		
2007 - 2008	Six-monthly		
2006 - 2007	Six-monthly		

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 ``,`