**Q. Write Algorithm and Program for checking the validity of VIT Registration Number**

Algorithm

* Start
* Use variable **Reg\_no**
* Read **Reg\_no**
* if re.match(“^[^0][0-9][A-Za-z]{3}[0-9]{4}$”,**Reg\_no**)

Print Valid

else:

Print Invalid

* Stop

Python Program

import re  
Reg\_no = input(**"Enter your Registration Number : "**)  
if re.match(**"^[^0][0-9][A-Za-z]{3}[0-9]{4}$"**,Reg\_no.strip()):  
 print(**"{} is a valid Registration Number"**.format(Reg\_no))  
else:  
 print(**"%s is an invalid Registration Number"** %Reg\_no)