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

Algorithm

* Start
* Use variable **Phone\_Number**
* Read **Phone\_Number**
* if len(**Phone\_Number**) != 10:

Print Invalid

elif **Phone\_Number**[0] == ‘0’:

Print Invalid

else:

Print Valid

* Stop

Python Program

PhoneNumber = (input(**"Enter the Phone Number : "**))  
if len(PhoneNumber) != 10:  
 print(**"The Phone number is not of 10 digits"**)  
elif PhoneNumber[0] == **'0'**:  
 print(**"The Phone number shouldn't start with a 0"**)  
else:  
 print(**"%s is a valid Phone Number"** %PhoneNumber)