**Q. Write Algorithm and Program for checking whether a number is prime or not.**

Algorithm

* Start
* Use variable **Number**, **Counter**, **Checker**
* Read **Number**
* **Counter** = 1
* **Checker** = 0
* while (**Counter** < **Number**):

if ((**Number** % **Counter**) == 0):

**Checker** += 1

**Counter** += 1

* if **Checker** == 2:

Print Prime

* else

Print Not Prime

* Stop

Python Program

Number = int(input(**"Enter a Number : "**))  
Counter = 1  
Checker = 0  
while (Counter <= Number):  
 if ((Number % Counter) == 0):  
 Checker += 1  
 Counter += 1  
if Checker == 2:  
 print(Number, **"is a Prime"**)  
else:  
 print(Number, **"is not a Prime"**)