**Function isprimebad that takes a positive integer as input and returns True if the number is prime and False otherwise.**

import math

def isprimebad(n):

     if (n==1):

           return False

     elif (n==2):

          return True;

     else:

         for x in range(2,n):

              if(n % x==0):

                  return False

     return True

for i in range(1,50):

     print(i,'==>', isprimebad (i))

OUTPUT :

