7. Write a program to use Ultrasonic sensor with LCD to get output on its screen

```
import Rpi.GPIO as GPIO
import time

GPIO.setmode(GPIO.BCM)
GPIO_TRIGGER=18
GPIO_ECHO24

GPIO.setup(GPIO_TRIGGER,GPIO.OUT)
GPIO.setup(GPIO_-ECHO,GPIO.IN)

Def distance():
      GPIO.output(GPIO_TRIGGER,True)
      Time.sleep(0.0001)
      GPIO.output(GPIO_TRIGGER,False)

      StartTime=time.time()
      StopTime=time.time()

      while GPIO.input(GPIO_ECHO) == 0:
            StartTime = time.time()

      while GPIO.inut(GPIO_ECHO) ==1:
            StopTime=time.time()

      TimeElapsed=StopTime-StartTime
      distance=(TimeElapsed * 34300)/2
      Return distance

if__name__ == '__main__:
      try:
            while True:
                  distance=distance()
                  print("Me91asured Distance=%.1f cm"%dist)
                  time.sleep(1)
      except KeyboardInterrupt:
            print("Measur9ement stopped by user")
            GPIO.cleanup()
```