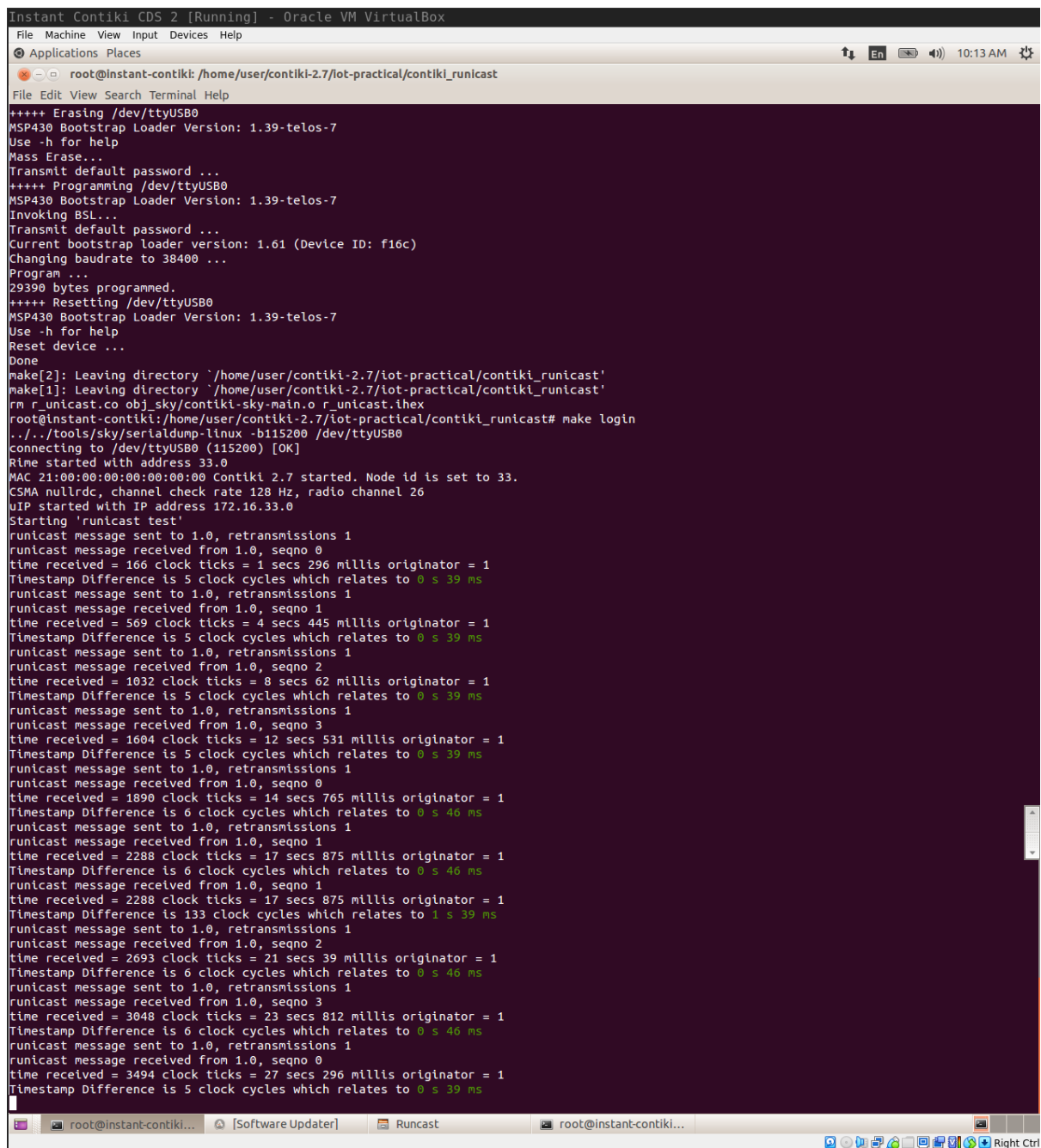# Q2 Reliable Unicasting

Your tasks:

a) alter the program above such that the node where the USER button is pressed sends a packet with its timestamp (is already done above) and THEN gets back a runicast packet with the timestamp it has initially written into the first packet. Based on this packet, compute the Route-trip time at the node initiating the packet exchange and print it to the serial interface.

b) compare the latency with that from unicast exercise. Explain the differences (add your answer as comments or separate file).

As One can see from the screenshot, the usual round trip time is 5 or 6 clock ticks which results in **39 or 46 ms**

When comparing the two executions (unicast and reliable unicast) we see a difference of 1 to 2 clock cycles in round-trip execution times.

The difference here will most likely come from the acknowledgement Package that is sent. But to be honest I would have expected sending an acknowledgement package would make a bigger difference than 1 to 2 clock cycles.