

Clock, switch, and seven-segment LED display

Modify the Basys3_Master.xdc file as following:

```
## Clock signal
set_property PACKAGE_PIN W5 [get_ports clock]

set_property IOSTANDARD LVCMOS33 [get_ports clock]
create_clock -add -name sys_clk_pin -period 10.00 -waveform {0 5} [get_ports clock]

## Switches
set_property PACKAGE_PIN V17 [get_ports {sw[0]}]
set_property IOSTANDARD LVCMOS33 [get_ports {sw[0]}]

##7 segment display
set_property PACKAGE_PIN W7 [get_ports {seg[0]}]
set_property IOSTANDARD LVCMOS33 [get_ports {seg[0]}]
set_property PACKAGE_PIN W6 [get_ports {seg[1]}]
set_property IOSTANDARD LVCMOS33 [get_ports {seg[1]}]
set_property PACKAGE_PIN U8 [get_ports {seg[2]}]
set_property IOSTANDARD LVCMOS33 [get_ports {seg[2]}]
set_property PACKAGE_PIN V8 [get_ports {seg[3]}]
set_property IOSTANDARD LVCMOS33 [get_ports {seg[3]}]
set_property PACKAGE_PIN U5 [get_ports {seg[4]}]
set_property IOSTANDARD LVCMOS33 [get_ports {seg[4]}]
set_property PACKAGE_PIN V5 [get_ports {seg[5]}]
set_property IOSTANDARD LVCMOS33 [get_ports {seg[5]}]
set_property PACKAGE_PIN U7 [get_ports {seg[6]}]
set_property IOSTANDARD LVCMOS33 [get_ports {seg[6]}]
```

Show the 0-9 counter results to TA.



TA Signature:

L610-2A-64
-64
20/10/63