Lab2

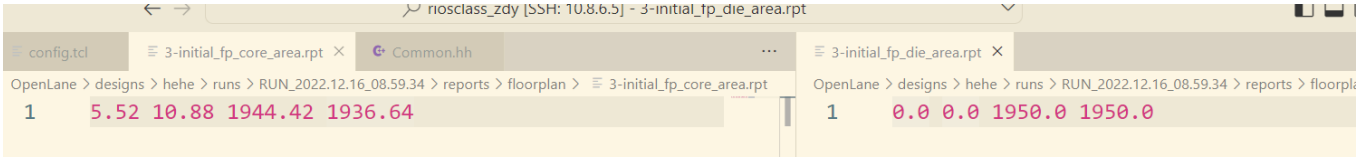
Sorry for not finish the C model and RTL improvement.
What I have done is finish the Open EDA flow

Open EDA flow

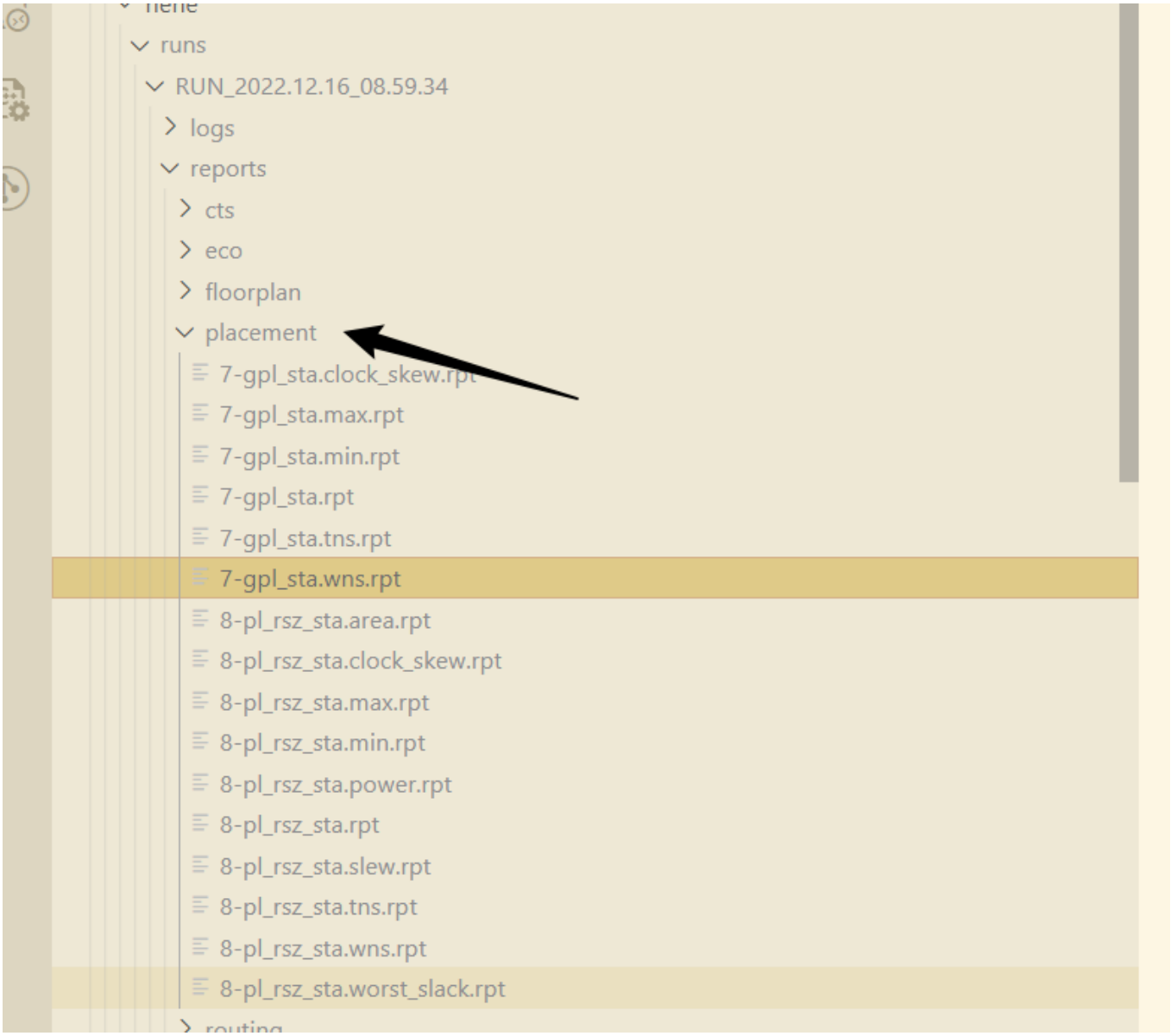
The results are located on `OpenLane/designs/hehe/runs/RUN_2022.12.16_08.59.34`

And config.tcl of hehe is in
`OpenLane/designs/hehe/runs/RUN_2022.12.16_08.59.34/config.tcl`

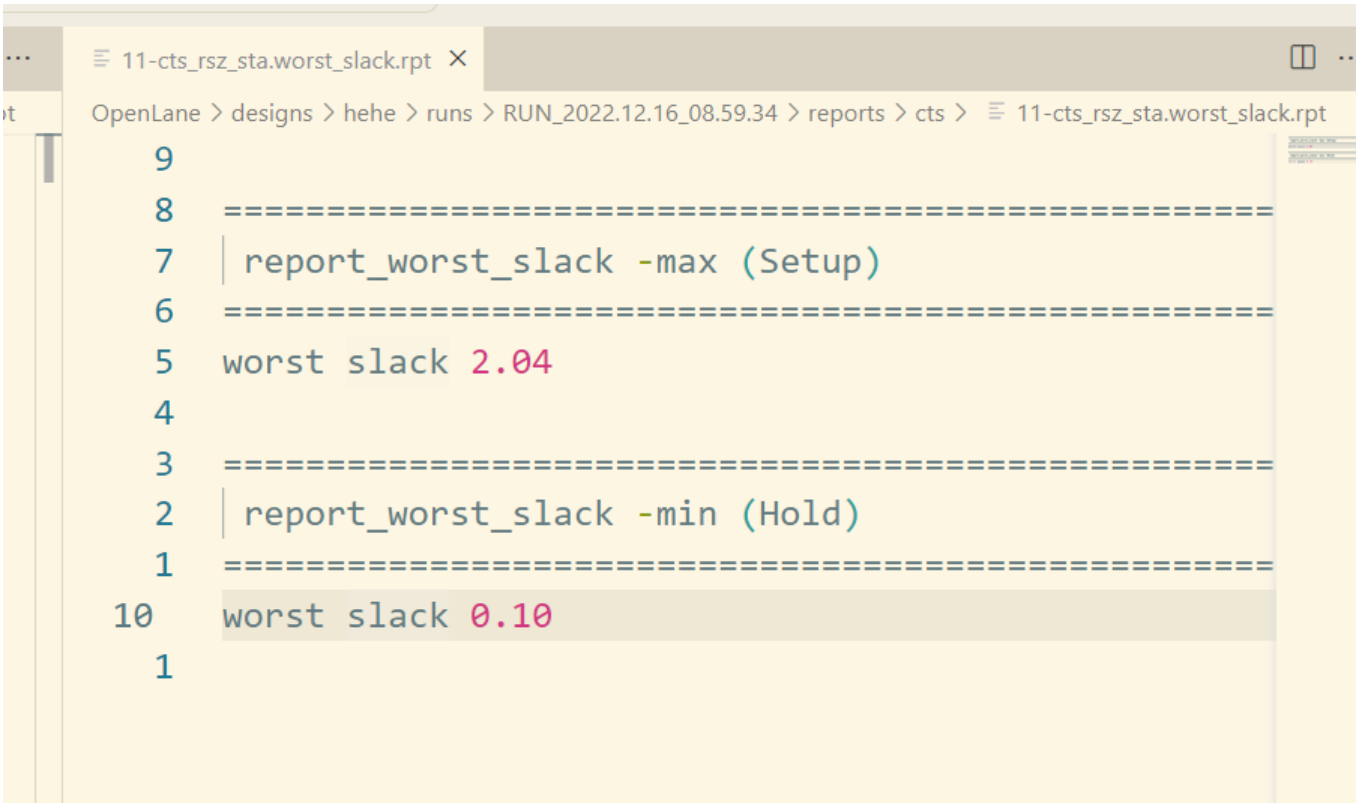
Floor Planning:



Placement


runs
RUN_2022.12.16_08.59.34
logs
reports
cts
eco
floorplan
placement
7-gpl_sta.clock_skew.rpt
7-gpl_sta.max.rpt
7-gpl_sta.min.rpt
7-gpl_sta.rpt
7-gpl_sta.tns.rpt
7-gpl_sta.wns.rpt
8-pl_rsz_sta.area.rpt
8-pl_rsz_sta.clock_skew.rpt
8-pl_rsz_sta.max.rpt
8-pl_rsz_sta.min.rpt
8-pl_rsz_sta.power.rpt
8-pl_rsz_sta.rpt
8-pl_rsz_sta.slew.rpt
8-pl_rsz_sta.tns.rpt
8-pl_rsz_sta.wns.rpt
8-pl_rsz_sta.worst_slack.rpt

CTS


11-cts_rsz_sta.worst_slack.rpt
OpenLane > designs > hehe > runs > RUN_2022.12.16_08.59.34 > reports > cts > 11-cts_rsz_sta.worst_slack.rpt
9
8 ==========
7 report_worst_slack -max (Setup)
6 ==========
5 worst slack 2.04
4
3 ==========
2 report_worst_slack -min (Hold)
1 ==========
10 worst slack 0.10
1

Routing


11-cts_rsz_sta.worst_slack.rpt
12-rt_rsz_sta.area.rpt
OpenLane > designs > hehe > runs > RUN_2022.12.16_08.59.34 > reports > routing > 12-rt_rsz_sta.area.rpt
1
1 ==========
2 report_design_area
3 ==========
4 Design area 663101 u^2 18% utilization.
5