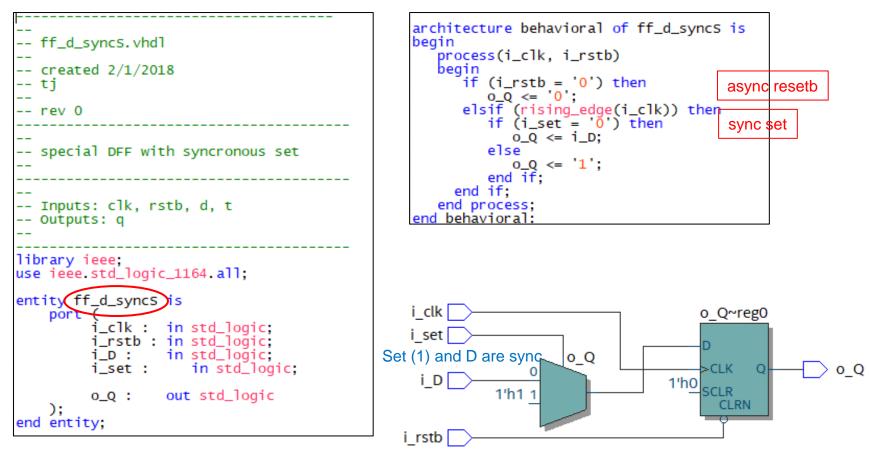
```
ELE 3510
```

HW4

Name_

 1 – Create VHDL code and RTL for a D-FF with asynchronous resetb and synchronous set. Follow all best practices.
20pts

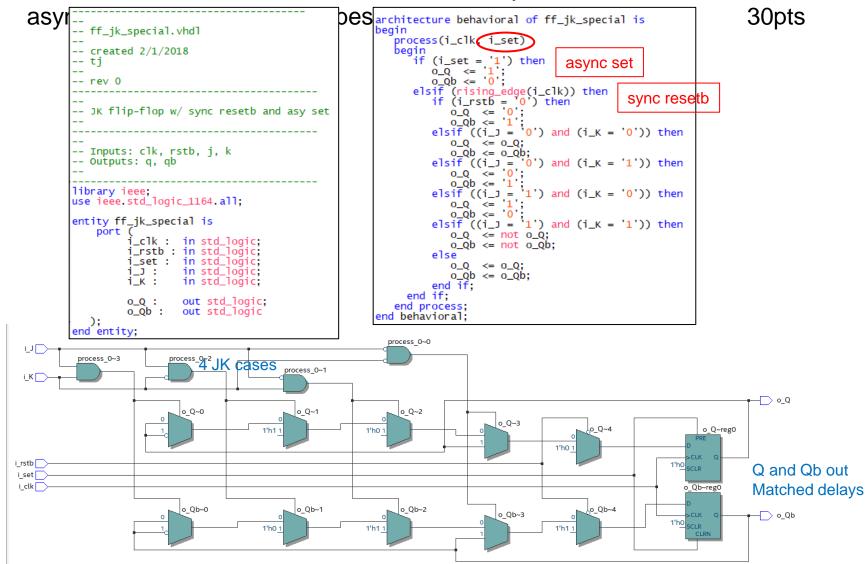


ELE 3510

HW4

Name_

2 – Create VHDL code and RTL for a JK-FF with synchronous resetb and



ELE 3510

 3 – Create VHDL code and RTL for a special new FlipFlop you have conceived of – this is a normal D-FF (with async rstb) but has a second data input called Toggle(T). When T is low, the DFF operates normally, when T is high, the DFF ignores the D input and synchronously toggles the output. Follow all best practices.

HW4

Name

