

Objectives

After completing this module, you will be able

- · Write an 'if/else' conditional statement
- Write an 'if/else if' conditional statement
- Write a 'case' conditional statement

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- Use the default 'else' or 'others' clauseDetect and avoid conditions where latches may be
- inferred
- · Write 'for loop' statements for repetitive operations























- For synthesis, a loop is "unrolled" or logic resulting from each loop iteration is



if / elsif expression, and complete the sensitivity list

type User_Cond is (Rst, Wait, Jump, Fetch, Load); Op_State : User_Cond ;

Bonus: As presently written, both the case and if/else will produce unwanted additional logic, what is it and how can it be avoided?

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