CASE (CASE_EXPRESSION)
  CASE_ITEM1 : CASE_ITEM_STATEMENT;
  CASE_ITEM2 : CASE_ITEM_STATEMENT;
  CASE_ITEM3 : CASE_ITEM_STATEMENT;
  DEFAULT : 
ENDCASE

Unique case

- Unique is an assertion
  - All possible values for CASE_EXPRESSION are in list of CASE_ITEMS
  - At run time, a match must be found in CASE_ITEMS
  - At run time, only one match will be found in CASE_ITEMS

- Unique guides synthesis
  - It indicates that no priority logic is necessary, parallel logic may be produced (faster, smaller)

- Unique usage
  - Use when each CASE_ITEM is unique and only one match should occur
  - Using "default" removes testing for non-existent matches, but uniqueness test remains.
Priority Case

- Priority is an assertion
  → All possible values for case-expression are in the list of case-items

- Priority guides synthesis
  → It indicates that all other testable conditions are don't cares and may be used to simplify logic.

- Priority usage
  → Use to explicitly say that priority is important
  → Including "default" will cause priority requirement to be dropped since all cases are available to be matched
  → It also indicates that more than one match in case-items is OK.

- Priority is a bad name
  → Case is already a priority structure