



# Unique rules to find Bugs, Vulnerabilities, Security Hotspots, and Code Smells in your T-SQL code

All rules 80

## Vulnerability ①

 Bug (16)

 Security Hotspot 4

 Code Smell 

## Tags

Search by name...

## All code should be reachable

## Analyze your code

 Bug
  Major
 
 cwe unused

Jump statements (`BREAK`, `CONTINUE`, `RETURN`, `GOTO`, and `THROW`), move control flow out of the current code block. So any statements that come after a jump are dead code.

## Noncompliant Code Example

```
CREATE PROCEDURE
    AS
BEGIN
    ...
    RETURN -- Noncompliant, remove following statements

    PRINT 'End'
END
```

## Compliant Solution

```
CREATE PROCEDURE
    AS
BEGIN
    . . .
    RETURN
END
```

**See**

- **MITRE, CWE-561** - Dead Code
- **CERT, MSC56-J** - Detect and remove superfluous code and values
- **CERT, MSC12-C** - Detect and remove code that has no effect or is never executed

Available In:

**sonarlint**  | **sonarcloud**  | **sonarqube**  Developer Edition

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