

THE switch-case STATEMENT

A switch block conditionally executes one set of statements from several choices. Each choice is covered by a case statement.

```
.....    MATLAB program.
.....

switch switch expression
    case value1
        .....    ]    Group 1 of commands.
        .....    ]
    case value2
        .....    ]    Group 2 of commands.
        .....    ]
    case value3
        .....    ]    Group 3 of commands.
        .....    ]
    otherwise
        .....    ]    Group 4 of commands.
        .....    ]
end
.....    MATLAB program.
.....
```

- If there is more than one match, only the first matching case is executed.
- If no match is found and the otherwise statement (which is optional) is present, the group of commands between otherwise and end is executed.
- If no match is found and the otherwise statement is not present, none of the 0command groups is executed.