

IF-SWITCH-WHILE

IF-ELSE

```
if (expression)
    statements;
elseif (expression)
    statements;
else
    statements;
end
```

LOGICAL OPERATORS

- EQUALS: ==
- NOT EQUALS: ~=
- AND: && and(A,B)
- OR: || or(A,B)
- XOR: xor(A,B)
- NOT: ~A not(A)

Task 1

- Create an array 't' which has a range from 0 to 10 and contains 100 elements. Hint: use 'linspace'.
- Assign any value for the variable 'm'
- If $m=1$, plot $\sin(t)$ vs 't'
- If $m=2$, plot $\cos(t)$ vs 't'
- Otherwise, plot $\sin(t)$ vs $\cos(t)$

SWITCH-CASE-OTHERWISE

switch '*switch_expression*'

case '*case_expression*'

statements

case '*case_expression*'

statements ...

otherwise

statements

end

While

while (expression)

statements

end