



Mech Family

كن أنت التغيير



اللجنة الأكاديمية في قسم

الهندسة الميكانيكية

For example, suppose that $y = \log(x)$ for $x > 10$, $y = \text{sqrt}(x)$ for $0 \leq x \leq 10$, and $y = \exp(x) - 1$ for $x < 0$. The following statements will compute y if x already has a scalar value.

```
if x > 10
    y = log(x)
elseif x >= 0
    y = sqrt(x)
else
    y = exp(x) - 1
end
```

The following **switch** block displays the point on the compass that corresponds to that angle.

```
switch angle
case 45
    disp('Northeast')
case 135
    disp('Southeast')
case 225
    disp('Southwest')
case 315
    disp('Northwest')
otherwise
    disp('Direction Unknown')
end
```

