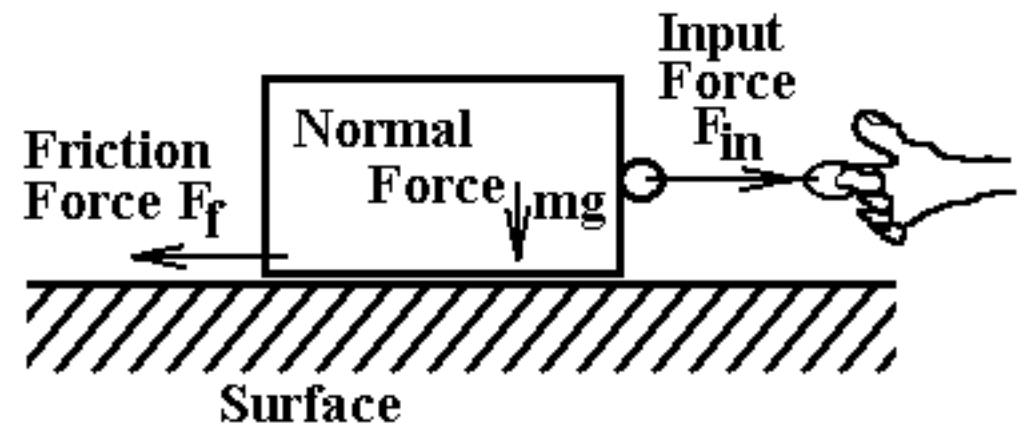
Input
Force
F_{in}
Normal
Force
mg
Friction
Force F_f
Surface