

Input:  
Dimensions, Type,  
Boundary Conditions etc

Generate Random  
Spin,  $\{-1,1\}$ , Lattice

Iterate over Lattice Sites

Flip Spin.  
Is  $\Delta E < 0$ ?

No

Is  $\text{Rand}(0,1) < \text{Exp}(\Delta E/T)$ ?

No

Accept Spin Flip

Reject Spin Flip

Yes

Collect Data



