

```
%-----  
%   temperature_INITIAL.m  
%  
%   Set problem parameters.  
%-----  
  
%-----  
for Ix=1:NUMNP  
    if NPcode(Ix) == 1           % Left  
        NPBC(Ix)=1;  
        PHI(Ix) = 0;  
    elseif NPcode(Ix) == 2;     % Pipe  
        Q(Ix) = 1;  
    end  
end
```