

Understand the  
problem

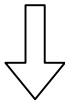


Divide Firmware in to  
4 main parts

- Clock
- Sound Output
- LCD menus
- Keypad inputs



Test parts individually  
and Optimize for  
combining



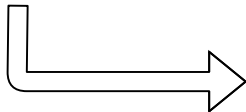
Design PCB and  
fabricate it  
Design enclosure



Test the firmware in  
Proteous simulations



Combine the  
separate parts and  
create a full product



Final testing and  
optimizations