

Initialization (runs only once at the start of the code)

- Configure TRISA so that RAO-RA5 and RA7 are outputs
- Configure ANSELA to Digital I/O
- Configure PORTA so that RAO-RA5 = 0 and RA7 =1

```
while(1)
{
    - While(PORTA < 0xBF)
    {
        - Delay 250ms
        - Add one to PORTA
     }
     - Set PORTA back to start configuration (RAO-RA5=0) & RA7 = 1
}</pre>
```