**Initialize Example:**
ADDEN |= 0x03; Set PORTA bit0 & bit1 as digital  
DDRT |= 0xFF; Set PORTT as output

**Read Example:**
temp=ADR0_BIT0; Read switch on bit0 of PORTAD

**TurnON Example:**
PTT=0x01;

**Call Example:**
Delay(Multiplier);

**TurnOFF Example:**
PTT=0x00;

**Delay Subroutine**
```c
void Delay(int mul){  
    int i;  
    for(mul=0;j>0;mul--){  
        {Base Delay }  
    }
}
```

**Notes:**
- By sending square pulses to the speaker at a certain frequency a tone will be produced.
- The speaker is connected on PortA Bit 0 (PA0)
- On Period = Off Period → 50% Duty Cycle
- Frequency ranges ~ 200Hz to 1kHz  
  → OnPeriod range ~ 2500μS – 500μS
- Must be able to produce at least 8 different tones.
- Increasing the delay will reduce the frequency and vice versa.