

Temperature basic code to see range of numbers

```
' we use a 4mhz clock  
define OSC 4
```

```
'do the analog in thang  
Define ADC_BITS 10  
DEFINE ADC_CLOCK 3  
DEFINE ADC_SAMPLEUS 15
```

```
TRISA = %11111111 'set PORTA to all input  
TRISB = %00000000 'set portb to all output  
ADCON1 = %10000010 'set up ADCON1
```

```
'some variables  
ADCvar var word
```

```
high portb.7
```

```
pause 500
```

```
main:
```

```
    'get input from potentiometer on portA.0  
    ADCin 0, ADCVAR  
    serout2 portc.6, 16468, [dec adcVar,10,13]
```

```
goto main
```