

```

/*****
*****/
ISR(PCINT2_vect){
if((switch_1_up) &&(switch_3_up)) return;

if(switch_1_down){_delay_ms(10);
while(switch_1_down);return;}           //Press sw_1 to pause display

if(switch_3_down)
{while (switch_3_down){start_1+=2;
Int_to_PC_Basic(start_1);               //Hold sw_3 down to increment start point
Char_to_PC_Basic(' ');
Timer_T1_sub(T1_delay_1sec);}           //for random number generator
newline_Basic();
return;}
}

/*****
*****/
void factors_to_display(int * factor, int m){

for(int n=0; n<m; n++){I2C_Tx_any_segment_clear_all();
Timer_T0_10mS_delay_x_m(10);
I2C_Tx_long(factor [n]);
while (switch_2_up)wdr();
while (switch_2_down)wdr();}}
```