// MADE BY ROBOTECH LABS

// PROGRAM FOR BLINKING LED'S

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Description: LEDs TURN ON ONE BY ONE IN ORDER INFINITELY

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-----------------HEADER FILES-------------------------------------

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#include<avr/io.h> //HEADER FILE FOR AVR INPUT OUTPUT

#include<compat/deprecated.h> //HEADER FILE FOR FUNCTIONS LIKE SBI AND CBI

#include<util/delay.h> //HEADER FILE FOR DELAY

/\*----------------------------------------------------------------

-----------------MAIN PROGRAM-------------------------------------

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int main(void)

{

//SET DATA DIRECTION REGISTER

//SET 1 for OUTPUT PORT

DDRD=0xFF; //SET 0 FOR INPUT PORT

//PC.3, PC.4 AND PC.5 ARE OUTPUT

//ALL OTHERS ARE INPUT

while(1)

{

sbi(PORTD,0);

cbi(PORTD,1);

cbi(PORTD,2);

cbi(PORTD,3);

cbi(PORTD,4);

cbi(PORTD,5);

cbi(PORTD,6);

cbi(PORTD,7);

\_delay\_ms(25); //DELAY IN MILISECOND ARGUMENT SHOULD NOT BE MORE THAN 255

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}return(0);

}