

```
//LED SubRoutines
```

```
int first = 10;  
int second = 9;  
int third = 8;  
int fourth = 7;  
int fifth = 6;
```

```
int timedelay = 500;
```

```
void setup() {  
  // put your setup code here, to run once:  
  pinMode(first, OUTPUT);  
  pinMode(second, OUTPUT);  
  pinMode(third, OUTPUT);  
  pinMode(fourth, OUTPUT);  
  pinMode(fifth, OUTPUT);  
  
}
```

```
void loop() {  
  // put your main code here, to run repeatedly:  
  
  // The functions that you will use are clearLED(); LEDfirst(); LEDsecond();  
  LEDthird(); LEDfourth(); LEDfifth();  
  // PLACE FUNCTIONS BELOW THIS LINE  
  
  LEDfirst();  
  clearLED();  
  
}
```

```
void clearLED() {  
  digitalWrite(first, LOW); // turn off LEDs  
  digitalWrite(second, LOW);  
  digitalWrite(third, LOW);  
  digitalWrite(fourth, LOW);  
  digitalWrite(fifth, LOW);
```

```
  delay(timedelay);  
}
```

```
void LEDfirst() {  
  digitalWrite(first, HIGH); // turn the LED on (HIGH is the voltage level)
```

```
    delay(timedelay);  
}
```

```
void LEDsecond() {  
    digitalWrite(second, HIGH); // turn the LED on (HIGH is the voltage level)  
    delay(timedelay);  
}
```

```
void LEDthird() {  
    digitalWrite(third, HIGH); // turn the LED on (HIGH is the voltage level)  
    delay(timedelay);  
}
```

```
void LEDfourth() {  
    digitalWrite(fourth, HIGH); // turn the LED on (HIGH is the voltage level)  
    delay(timedelay);  
}
```

```
void LEDfifth() {  
    digitalWrite(fifth, HIGH); // turn the LED on (HIGH is the voltage level)  
    delay(timedelay);  
}
```