

Name : Tulsi Andhare Roll no E3415 EXP no 2 Flashing Leds with time delay

```
#include<reg51.h>
```

```
void Delay(void);
```

```
void main (void)
```

```
{
```

```
while(1)
```

```
{
```

```
P2 = 0x00;
```

```
Delay();
```

```
P2 = 0xFF;
```

```
Delay();
```

```
}
```

```
}
```

```
void Delay(void)
```

```
{
```

```
int i;
```

```
TMOD =0x01;
```

```
for(i=0;i<1000;i++)
```

```
{
```

```
TL0=0x18;
```

```
TH0=0xFC;
```

```
TR0=1;
```

```
while(TF0==0);
```

```
TR0=0;
```

```
TF0=0;
```

```
}
```

```
}
```

```
//OUTPUT
```

