

```
/*
```

Experiment No. : 07

Statement : Blink an LED with two switches. One switch for increasing the blinking rate and other for decreasing the blinking rate.

Date of Exp. : / /

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```
*/
```

```
int led=5;
```

```
int pButton=2;
```

```
int pButton2=3;
```

```
void setup() {
```

```
    // put your setup code here, to run once:
```

```
    pinMode(5,OUTPUT);
```

```
    pinMode(2,INPUT);
```

```
    pinMode(3,INPUT);
```

```
}
```

```
void loop() {
```

```
    // put your main code here, to run repeatedly:
```

```
    int Ddelay=1000;           // default 1000 ms
```

```
    if(digitalRead(1)==LOW){
```

```
        Ddelay=Ddelay+100;
```

```
    }
```

```
    if(digitalRead(2)==LOW){
```

```
        Ddelay=Ddelay-100;
```

```
    }
```

```
    digitalWrite(3, HIGH);
```

```
    delay(Ddelay);
```

```
    digitalWrite(3, LOW);
```

```
    delay(Ddelay);    }
```

