

```
#include <IRremote.h>
```

```
#define led1 3
```

```
#define led2 4
```

```
#define led3 5
```

```
#define led4 6
```

```
#define led5 7
```

```
#define led6 8
```

```
#define led7 9
```

```
#define led8 10
```

```
#define led9 11
```

```
#define led10 12
```

```
#define led11 13
```

```
int RECV_PIN = 2;
```

```
//16753245
```

```
//16720605
```

```
IRrecv irrecv(RECV_PIN);
```

```
decode_results results;
```

```
void setup()
```

```
{
```

```
  pinMode(led2, OUTPUT);
```

```
  pinMode(led1, OUTPUT);
```

```
  pinMode(led3, OUTPUT);
```

```
  pinMode(led4, OUTPUT);
```

```
  pinMode(led5, OUTPUT);
```

```
  pinMode(led6, OUTPUT);
```

```
  pinMode(led7, OUTPUT);
```

```
  pinMode(led8, OUTPUT);
```

```
  pinMode(led9, OUTPUT);
```

```
pinMode(led10, OUTPUT);  
pinMode(led11, OUTPUT);  
irrecv.enableIRIn();  
}
```

```
void loop() {  
  if (irrecv.decode(&results)) {  
    switch (results.value) {  
      case 16738455:  
        digitalWrite(led1, HIGH);  
        break;  
      case 16724175:  
        digitalWrite(led1, LOW);  
        break;  
      case 16718055:  
        digitalWrite(led2, HIGH);  
        break;  
      case 16743045:  
        digitalWrite(led2, LOW);  
        break;  
      case 16716015:  
        digitalWrite(led3, HIGH);  
        break;  
      case 16726215:  
        digitalWrite(led3, LOW);  
        break;  
      case 16734885:  
        digitalWrite(led4, HIGH);  
        break;  
      case 16728765:  
        digitalWrite(led4, LOW);  
        break;  
      case 16730805:  
        break;  
    }  
  }  
}
```

```
digitalWrite(led5, HIGH);  
break;  
case 16732845:  
digitalWrite(led5, LOW);  
break;  
case 16736925:  
digitalWrite(led6, HIGH);  
break;  
case 16769565:  
digitalWrite(led6, LOW);  
break;  
case 16720605:  
digitalWrite(led7, HIGH);  
break;  
case 16712445:  
digitalWrite(led7, LOW);  
break;  
case 16761405:  
digitalWrite(led8, HIGH);  
break;  
case 16769055:  
digitalWrite(led8, LOW);  
break;  
case 16754775:  
digitalWrite(led9, HIGH);  
break;  
case 16748655:  
digitalWrite(led9, LOW);  
break;  
case 16750695:  
digitalWrite(led10, HIGH);  
break;
```

```
case 16756815:  
digitalWrite(led10, LOW);  
break;
```

```
}
```

```
irrecv.resume();
```

```
}
```

```
}
```