

Python Code For Temperature and Humidity

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Program:

```
from playsound import playsound
```

```
import random
```

```
TEMP_THRESHOLD = 30 # in Celsius
```

```
HUMIDITY_THRESHOLD = 60 # in percentage alarm_sound
```

```
= 'path/to/alarm/Beep-Sound Effect.mp3'
```

```
temp = random.uniform(20, 35) # in Celsius humidity
```

```
= random.uniform(40, 80) # in percentage
```

```
if temp > TEMP_THRESHOLD and humidity > HUMIDITY_THRESHOLD:
```

```
    print("Alarm triggered! High temperature and high humidity.")
```

```
    playsound('path/to/alarm/Beep-Sound Effect.mp3') elif temp >
```

```
TEMP_THRESHOLD:
```

```
    print("Alarm triggered! High temperature.")
    playsound('path/to/alarm/Beep-Sound Effect.mp3')
elif humidity > HUMIDITY_THRESHOLD:    print("Alarm
triggered! High humidity.")
    playsound('path/to/alarm/ Beep-Sound Effect.mp3')
else:
    print("Temperature: {} C, Humidity: {} %".format(temp, humidity))
```