

## PROGRAM CODE

```
Import random
```

```
for i in range (10):
```

```
    temp=random.randint(25,110)
```

```
    print("Detected that temperature is ",temp)
```

```
    humidity=random.randint(35,70)
```

```
    print("Detected that humidity is ",humidity)
```

```
    if(temp>40 and humidity>60):
```

```
        print("The TEMPERATURE and HUMIDITY is  
              HIGH...Turn ON the alarm")
```

```
    else:
```

```
        print("The TEMPERATURE and HUMIDITY is  
              NORMAL...Keep the alarm OFF)
```