

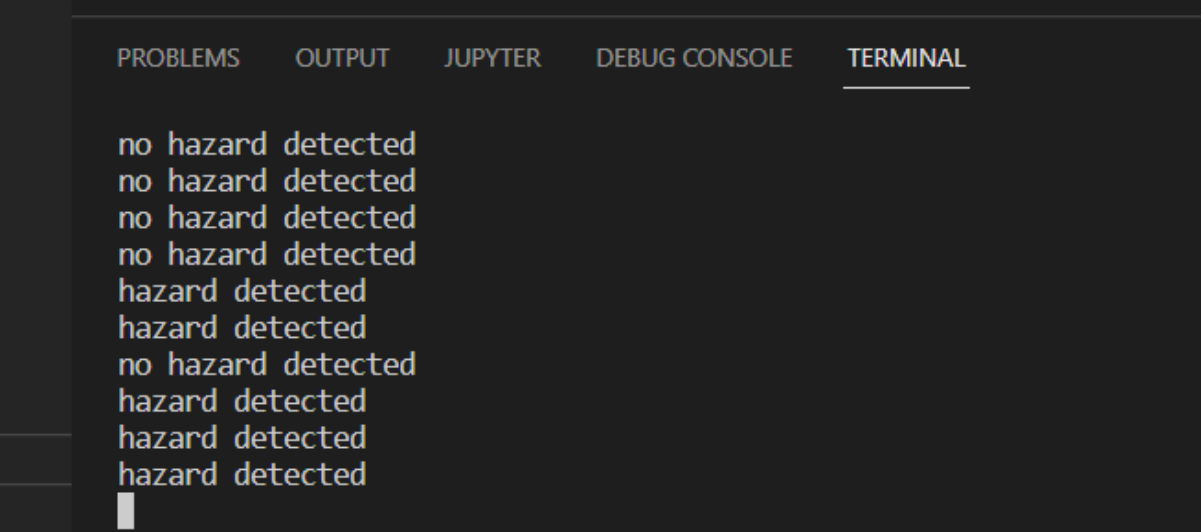
Program:

```
import random
import time

temp=70
humidity=85

while True:
    r=random.randint(0,400)
    h=random.randint(0,100)
    if(r>temp|h>humidity):
        print("hazard detected")
    else:
        print("no hazard detected")
    time.sleep(1)
```

Output:

A screenshot of a Jupyter Notebook interface. At the top, there are four tabs: 'PROBLEMS', 'OUTPUT', 'JUPYTER', and 'DEBUG CONSOLE'. The 'TERMINAL' tab is selected and underlined. The terminal window displays the output of the program, which consists of a sequence of messages: 'no hazard detected', 'no hazard detected', 'no hazard detected', 'no hazard detected', 'hazard detected', 'hazard detected', 'no hazard detected', 'hazard detected', 'hazard detected', and 'hazard detected'. A white cursor is visible at the end of the last line of output.

```
PROBLEMS  OUTPUT  JUPYTER  DEBUG CONSOLE  TERMINAL

no hazard detected
no hazard detected
no hazard detected
no hazard detected
hazard detected
hazard detected
no hazard detected
hazard detected
hazard detected
hazard detected
```