

DETECTING TEMPERATURE – PYTHON CODE

```
import random

while (True):

    a=random.randint(10,99)

    b=random.randint(10,99)

    if(a>35 and b>60):

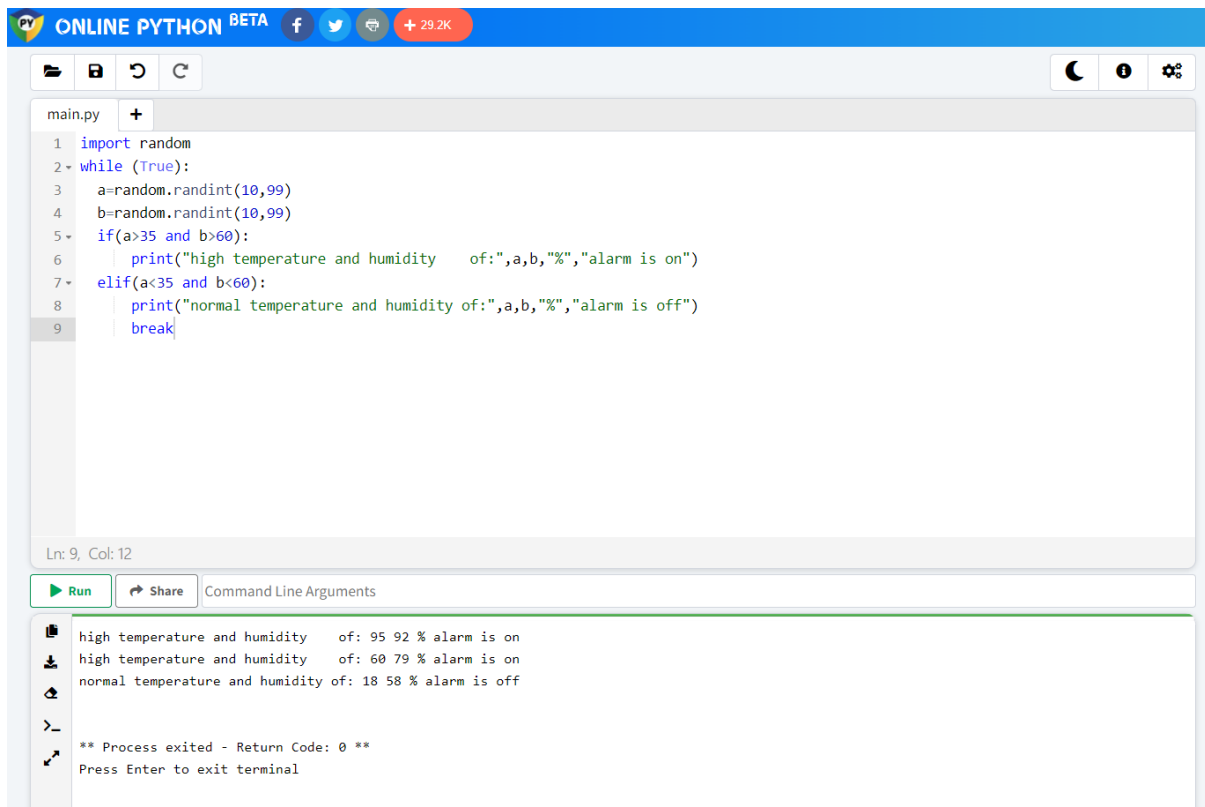
        print("high temperature and humidity  of:",a,b,"%","alarm is on")

    elif(a<35 and b<60):

        print("normal temperature and humidity of:",a,b,"%","alarm is off")

    break
```

CODE OUTPUT

A screenshot of an online Python IDE interface. The top bar is blue with the text 'ONLINE PYTHON BETA' and social media icons. Below the bar is a toolbar with icons for file operations. The main editor area shows a file named 'main.py' with the following Python code:

```
1 import random
2 while (True):
3     a=random.randint(10,99)
4     b=random.randint(10,99)
5     if(a>35 and b>60):
6         print("high temperature and humidity  of:",a,b,"%","alarm is on")
7     elif(a<35 and b<60):
8         print("normal temperature and humidity of:",a,b,"%","alarm is off")
9     break
```

The status bar at the bottom of the editor shows 'Ln: 9, Col: 12'. Below the editor is a 'Run' button and a 'Share' button. The output area at the bottom shows the results of the code execution:

```
high temperature and humidity  of: 95 92 % alarm is on
high temperature and humidity  of: 60 79 % alarm is on
normal temperature and humidity of: 18 58 % alarm is off

** Process exited - Return Code: 0 **
Press Enter to exit terminal
```