

SMART SOLUTION FOR RAILWAYS

ASSIGNMENT 2

```
import random
```

```
while(True):
```

```
    a=random.randint(10,99)
```

```
    b=random.randint(10,99)
```

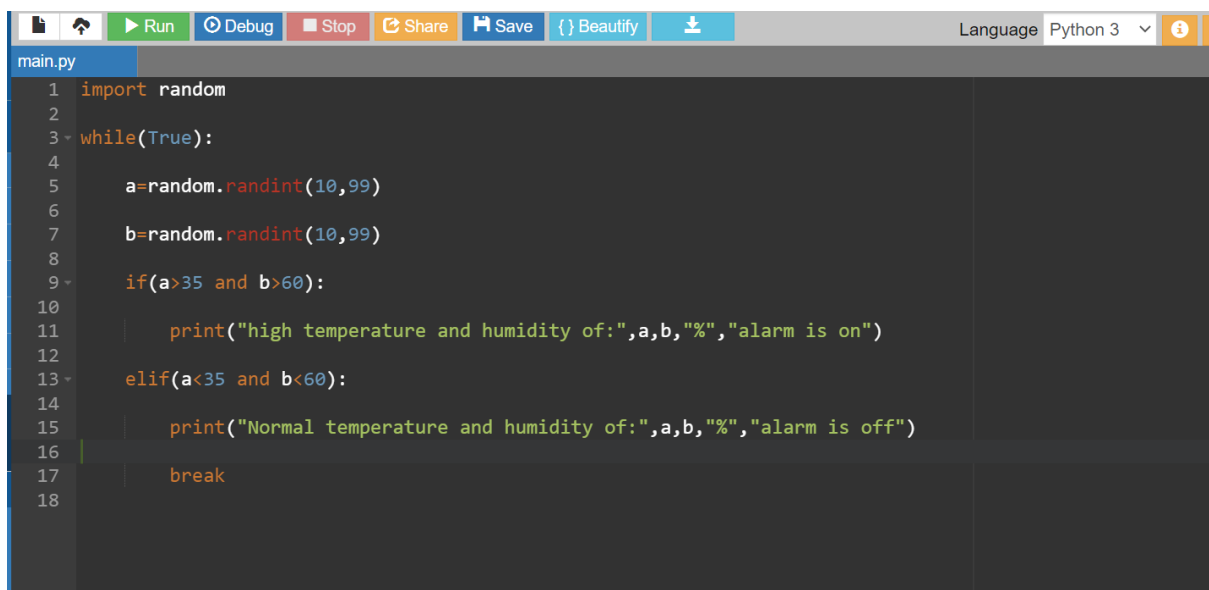
```
    if(a>35 and b>60):
```

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

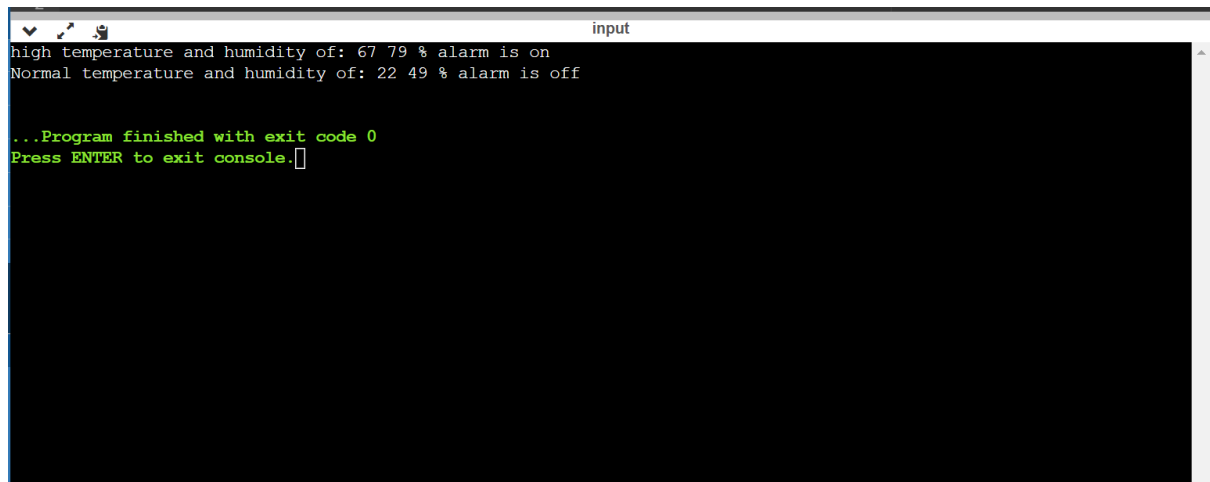
```
    elif(a<35 and b<60):
```

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

```
        break
```

A screenshot of a Python IDE interface. The top toolbar includes icons for file operations, a 'Run' button (green play icon), 'Debug' (blue bug icon), 'Stop' (red square icon), 'Share' (orange share icon), 'Save' (blue floppy disk icon), 'Beautify' (blue curly braces icon), and a download icon. The 'Language' dropdown is set to 'Python 3'. The editor window, titled 'main.py', displays the following Python code:

```
1 import random
2
3 while(True):
4
5     a=random.randint(10,99)
6
7     b=random.randint(10,99)
8
9     if(a>35 and b>60):
10
11         print("high temperature and humidity of:",a,b,"%","alarm is on")
12
13     elif(a<35 and b<60):
14
15         print("Normal temperature and humidity of:",a,b,"%","alarm is off")
16
17         break
18
```



```
input
high temperature and humidity of: 67.79 % alarm is on
Normal temperature and humidity of: 22.49 % alarm is off

...Program finished with exit code 0
Press ENTER to exit console.
```