

Assignment -2

CODE:

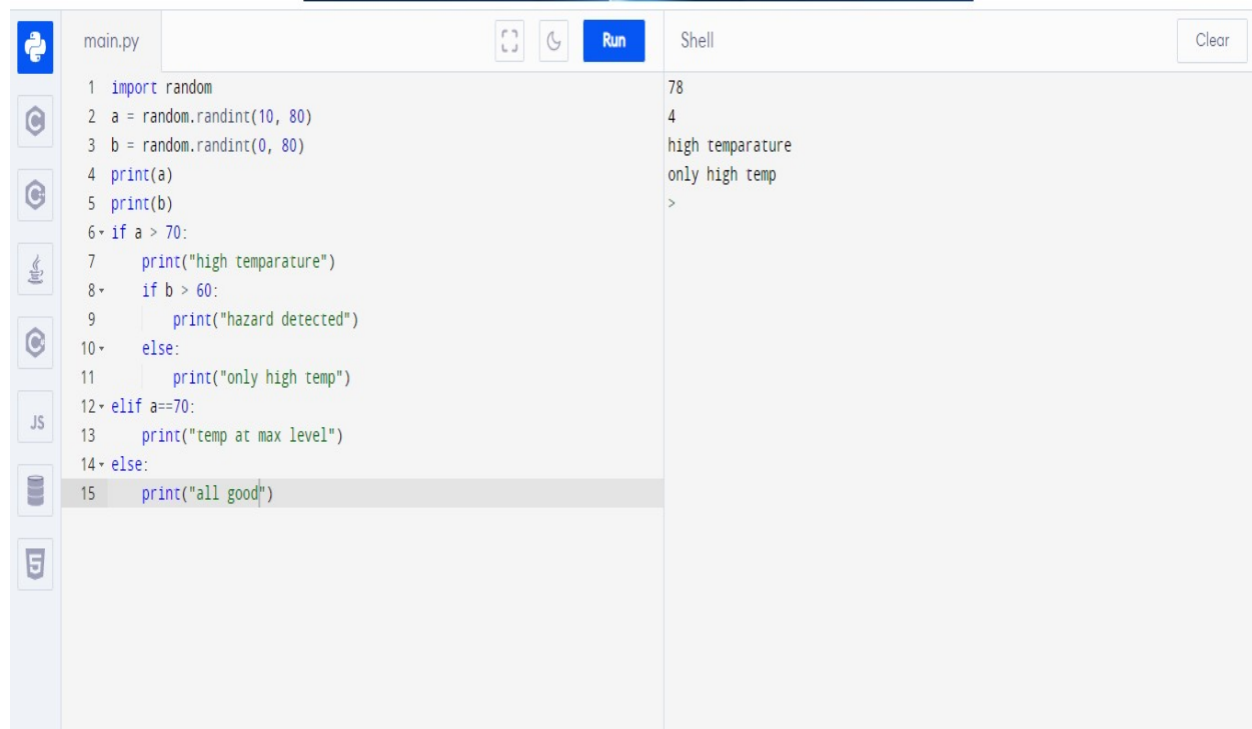
```
import random

a = random.randint(10, 80)
b = random.randint(0, 80)

print(a)
print(b)

if a > 70:
    print("high temperature")
    if b > 60:
        print("hazard detected")
    else:
        print("only high temp")
elif a==70:
    print("temp at max level")
else:
    print("all good")
```

OUTPUT :

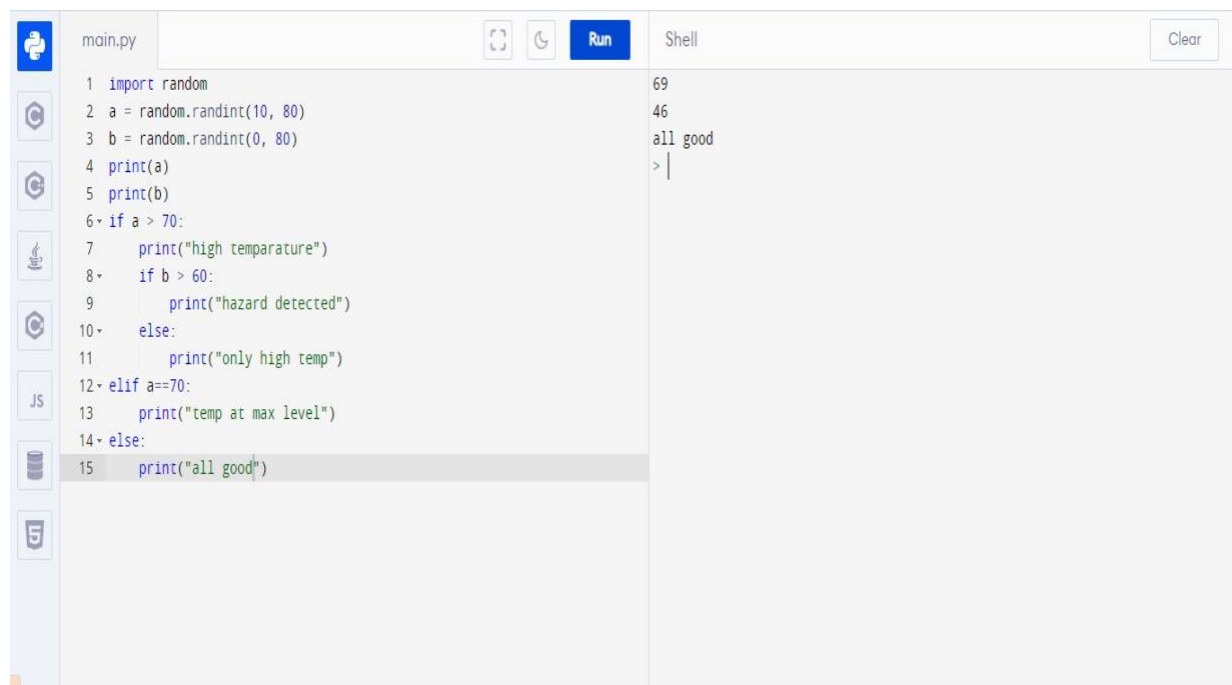


The screenshot shows a Jupyter Notebook interface with a file named 'main.py'. The code in the cell is as follows:

```
1 import random
2 a = random.randint(10, 80)
3 b = random.randint(0, 80)
4 print(a)
5 print(b)
6 if a > 70:
7     print("high temperature")
8     if b > 60:
9         print("hazard detected")
10    else:
11        print("only high temp")
12 elif a == 70:
13     print("temp at max level")
14 else:
15     print("all good")
```

The output in the Shell is:

```
78
4
high temperature
only high temp
>
```




This screenshot shows the same Jupyter Notebook interface with the same 'main.py' file. The code is identical to the first screenshot:


```
1 import random
2 a = random.randint(10, 80)
3 b = random.randint(0, 80)
4 print(a)
5 print(b)
6 if a > 70:
7     print("high temperature")
8     if b > 60:
9         print("hazard detected")
10    else:
11        print("only high temp")
12 elif a == 70:
13     print("temp at max level")
14 else:
15     print("all good")
```


The output in the Shell is different due to new random values:


```
69
46
all good
> |
```





main.py















JS







Run

Shell

Clear

```
1 import random
2 a = random.randint(10, 80)
3 b = random.randint(0, 80)
4 print(a)
5 print(b)
6 if a > 70:
7     print("high temperature")
8     if b > 60:
9         print("hazard detected")
10    else:
11        print("only high temp")
12 elif a==70:
13     print("temp at max level")
14 else:
15     print("all good")
```

51
47
all good
>