Assignment -2

CODE:

```python
import random

a = random.randint(10, 80)

b = random.randint(0, 80)

print(a)

print(b)

if a > 70:

    print("high temparature")

    if b > 60:

        print("hazard detected")

    else:

        print("only high temp")

elif a==70:

    print("temp at max level")

else:

    print("all good")
```

OUTPUT

```python
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 temparature")
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")
```

Shell
```
78
4
high temparature
only high temp
>
```

```python
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 temparature")
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")
```

Shell
```
69
46
all good
>
```

```python
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 temparature")
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")
```

Shell

```
50
47
all good
>
```