ASSIGNMENT 2

```
main.py                                    [ ]  (   Run    |  Shell

 1  import random                                      NOT HAZARD
 2  print("TEMPARATURE CHECK\n")                       HAZARD
 3  print("Enter range for temparature")               NOT HAZARD
 4  a=int(input())                                      NOT HAZARD
 5  b=int(input())                                      NOT HAZARD
 6  print("Enter range for humidity")                  NOT HAZARD
 7  C=int(input())                                      NOT HAZARD
 8  D=int(input())                                      HAZARD
 9▾ while(True):                                        NOT HAZARD
10      temp=random.randint(a,b)                        NOT HAZARD
11      hum=random.randint(C,D)                         NOT HAZARD
12▾     if(temp>100 and hum>50):                        NOT HAZARD
13          print("HAZARD")                             NOT HAZARD
14▾     else:                                           NOT HAZARD
15          print("NOT HAZARD")                         NOT HAZARD
                                                        NOT HAZARD
                                                        NOT HAZARD
                                                        NOT HAZARD
                                                        NOT HAZARD
                                                        NOT HAZARD
                                                        HAZARD
                                                        NOT HAZARD
```
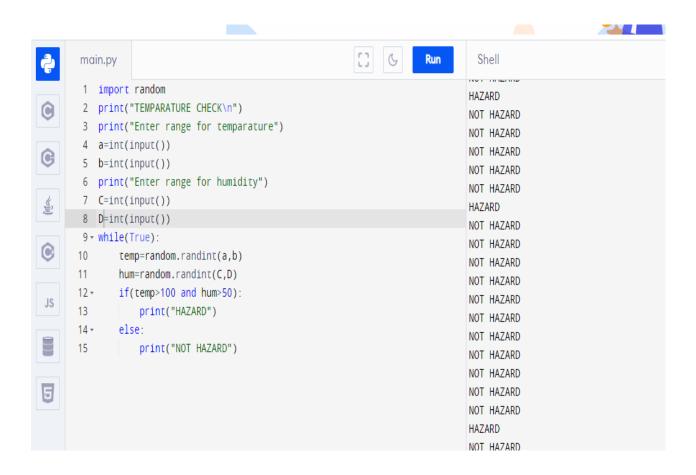
CODE:

import random

print("TEMPARATURE CHECK\n")

print("Enter range for temparature")

a=int(input())

b=int(input())

print("Enter range for humidity")

C=int(input())

```python
D=int(input())
while(True):
    temp=random.randint(a,b)
    hum=random.randint(C,D)
    if(temp>100 and hum>50):
        print("HAZARD")
    else:
        print("NOT HAZARD")    else:
        print("SAFE")
```