

ASSIGNMENT 2

MAHENDRA ENGINEERING COLLEGE FOR WOMEN

NAME: DEEPA.T

CLASS: 4 YEAR ECE

SUBJECT: IBM











REGISTER NO: 611419106019











```
import random

while(True):
    a=random.randint(10,120)
    b=random.randint(10,120)
    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
```

OUTPUT:

main.py	  	Shell	
<pre>1 import random 2 while(True): 3 a=random.randint(10,120) 4 b=random.randint(10,120) 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</pre>		<pre>high temperature and humidity of: 93 71 % alarm is on high temperature and humidity of: 102 114 % alarm is on Normal temperature and humidity of: 26 16 % alarm is off ></pre>	

     	main.py	  	Shell	
<pre>1 import random 2 while(True): 3 a=random.randint(10,120) 4 b=random.randint(10,120) 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</pre>		<pre>high temperature and humidity of: 70 95 % alarm is on high temperature and humidity of: 82 108 % alarm is on high temperature and humidity of: 62 91 % alarm is on high temperature and humidity of: 82 70 % alarm is on Normal temperature and humidity of: 28 40 % alarm is off ></pre>		

     	main.py	  	Shell	
<pre>1 import random 2 while(True): 3 a=random.randint(10,120) 4 b=random.randint(10,120) 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</pre>		<pre>Normal temperature and humidity of: 32 58 % alarm is off ></pre>		