ASSIGNMENT - 2

REG NO : 413019104001   NAME: AARTHI.A

PROGRAM :

```
T = int (input("Enter a temperature: "))
if (T > 0) and (T <= 30):
print(T, "is a low temperature so alarm switched off.")
elif (T >= 35):
print(T, "is a high temperature so alarm switched on.")
else:
print(T, "is a normal temperature")
H =int (input("Enter a humidity:"))
if(H > 0) and (H <= 30):
print(H, "is a low humidity so alarm switched off.")
elif (H >= 35):
print(H, "is a high humidity so alarm switched on.")
else:
print(H, "is a normal humidity")
```

output :

Enter a temperature: 32

32 is a normal temperature

Enter a humidity:10

10 is a low humidity so the alarm switched off.

Enter a temperature: 37

37 is a high temperature so the alarm switched on.

Enter a humidity:30

30 is a low humidity so the alarm switched off.

Enter a temperature: 20

20 is a low temperature so the alarm switched off.

Enter a humidity:38

38 is a high humidity so the alarm switched on.