***TO FIND OUT THE WEATHER USING HUMIDITY AND TEMPERATURE SENSOR***

***SOURCE CODE :***

*import time*

*import random*

*i=0*

*while(i<=100):*

*i=i+1*

*time.sleep(1)*

*temp=random.randint(0,45)*

*humid=random.randint(1,80)*

*if temp<=18:*

*print(temp,"Temperature is LOW")*

*elif temp<=28:*

*print(temp,"Temperature is NORMAL")*

*else:*

*print(temp,"Temperature is HIGH")*

*if humid<=24:*

*print(humid,"Humidity is LOW")*

*elif humid<=70:*

*print(humid,"Humidity is NORMAL")*

*else:*

*print(humid,"Humidity is HIGH")*

***OUTPUT :***

24 Temperature is NORMAL

75 Humidity is HIGH

14 Temperature is LOW

44 Humidity is NORMAL

7 Temperature is LOW

72 Humidity is HIGH

24 Temperature is NORMAL

74 Humidity is HIGH

4 Temperature is LOW

26 Humidity is NORMAL

10 Temperature is LOW

1 Humidity is LOW

6 Temperature is LOW

25 Humidity is NORMAL

5 Temperature is LOW

57 Humidity is NORMAL

21 Temperature is NORMAL

72 Humidity is HIGH

34 Temperature is HIGH

66 Humidity is NORMAL

13 Temperature is LOW

38 Humidity is NORMAL

28 Temperature is NORMAL

28 Humidity is NORMAL

44 Temperature is HIGH

45 Humidity is NORMAL

38 Temperature is HIGH

10 Humidity is LOW

28 Temperature is NORMAL

65 Humidity is NORMAL

3 Temperature is LOW

49 Humidity is NORMAL

1 Temperature is LOW

75 Humidity is HIGH

36 Temperature is HIGH

29 Humidity is NORMAL

5 Temperature is LOW

71 Humidity is HIGH

20 Temperature is NORMAL

10 Humidity is LOW

17 Temperature is LOW

28 Humidity is NORMAL

4 Temperature is LOW

10 Humidity is LOW

0 Temperature is LOW

72 Humidity is HIGH

35 Temperature is HIGH

21 Humidity is LOW

7 Temperature is LOW

42 Humidity is NORMAL

40 Temperature is HIGH

64 Humidity is NORMAL

37 Temperature is HIGH

31 Humidity is NORMAL

21 Temperature is NORMAL

25 Humidity is NORMAL

24 Temperature is NORMAL

78 Humidity is HIGH

43 Temperature is HIGH

55 Humidity is NORMAL

25 Temperature is NORMAL

20 Humidity is LOW

40 Temperature is HIGH

61 Humidity is NORMAL

22 Temperature is NORMAL

27 Humidity is NORMAL

7 Temperature is LOW

40 Humidity is NORMAL

11 Temperature is LOW

76 Humidity is HIGH

40 Temperature is HIGH

49 Humidity is NORMAL

29 Temperature is HIGH

71 Humidity is HIGH

31 Temperature is HIGH

37 Humidity is NORMAL

43 Temperature is HIGH

44 Humidity is NORMAL

5 Temperature is LOW

7 Humidity is LOW

11 Temperature is LOW

12 Humidity is LOW

45 Temperature is HIGH

4 Humidity is LOW

1 Temperature is LOW

36 Humidity is NORMAL

33 Temperature is HIGH

32 Humidity is NORMAL

21 Temperature is NORMAL

32 Humidity is NORMAL

30 Temperature is HIGH

39 Humidity is NORMAL

19 Temperature is NORMAL

78 Humidity is HIGH

40 Temperature is HIGH

62 Humidity is NORMAL

12 Temperature is LOW

66 Humidity is NORMAL

24 Temperature is NORMAL

49 Humidity is NORMAL

23 Temperature is NORMAL

50 Humidity is NORMAL

31 Temperature is HIGH

65 Humidity is NORMAL

2 Temperature is LOW

46 Humidity is NORMAL

45 Temperature is HIGH

8 Humidity is LOW

26 Temperature is NORMAL

41 Humidity is NORMAL

16 Temperature is LOW

64 Humidity is NORMAL

23 Temperature is NORMAL

4 Humidity is LOW

38 Temperature is HIGH

67 Humidity is NORMAL

41 Temperature is HIGH

35 Humidity is NORMAL

27 Temperature is NORMAL

60 Humidity is NORMAL

8 Temperature is LOW

54 Humidity is NORMAL

21 Temperature is NORMAL

69 Humidity is NORMAL

6 Temperature is LOW

66 Humidity is NORMAL

40 Temperature is HIGH

50 Humidity is NORMAL

6 Temperature is LOW

5 Humidity is LOW

21 Temperature is NORMAL

72 Humidity is HIGH

45 Temperature is HIGH

8 Humidity is LOW

43 Temperature is HIGH

54 Humidity is NORMAL

39 Temperature is HIGH

50 Humidity is NORMAL

35 Temperature is HIGH

10 Humidity is LOW

45 Temperature is HIGH

63 Humidity is NORMAL

4 Temperature is LOW

26 Humidity is NORMAL

22 Temperature is NORMAL

76 Humidity is HIGH

11 Temperature is LOW

2 Humidity is LOW

35 Temperature is HIGH

73 Humidity is HIGH

31 Temperature is HIGH

73 Humidity is HIGH

17 Temperature is LOW

23 Humidity is LOW

42 Temperature is HIGH

78 Humidity is HIGH

28 Temperature is NORMAL

64 Humidity is NORMAL

15 Temperature is LOW

16 Humidity is LOW

37 Temperature is HIGH

18 Humidity is LOW

18 Temperature is LOW

68 Humidity is NORMAL

14 Temperature is LOW

13 Humidity is LOW

4 Temperature is LOW

76 Humidity is HIGH

17 Temperature is LOW

79 Humidity is HIGH

10 Temperature is LOW

10 Humidity is LOW

40 Temperature is HIGH

36 Humidity is NORMAL

10 Temperature is LOW

63 Humidity is NORMAL

6 Temperature is LOW

26 Humidity is NORMAL

39 Temperature is HIGH

40 Humidity is NORMAL

13 Temperature is LOW

37 Humidity is NORMAL

44 Temperature is HIGH

14 Humidity is LOW

40 Temperature is HIGH

35 Humidity is NORMAL

44 Temperature is HIGH

24 Humidity is LOW

35 Temperature is HIGH

30 Humidity is NORMAL

9 Temperature is LOW

27 Humidity is NORMAL

0 Temperature is LOW

41 Humidity is NORMAL

31 Temperature is HIGH

35 Humidity is NORMAL

11 Temperature is LOW

62 Humidity is NORMAL

42 Temperature is HIGH

48 Humidity is NORMAL

10 Temperature is LOW

58 Humidity is NORMAL