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| Date | 22 September 2022 |
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| Student Register Number/Roll Number | 211419106034/2019PECEC115 |
| Maximum Marks | 2 Marks |

QUESTION-1:

Build a Python code,Assume u get temperature and humidity values(generated with random function to a variable) and write a condition to continuously detect alarm in case of high temperature

SOLUTION:

import random

from time import \*

input\_data=True

while(input\_data):

temp=random.randint(0,60)

hum=random.randint(10,60)

if temp>55 and hum<50:

print("Temperature=",temp,"Humidity=",hum)

print("ALARM ON")

input\_data=False

else:

print("Temperature=",temp,"Humidity=",hum)

sleep(1)

Output:

