Assignment -2

Python Programming

Assignment Date	27 September 2022
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Maximum Marks	2 Marks

Question-1:

Build a python code, Assume you 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.

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Solution:
import random
def temperature():
  value=random.randint(25,100)
  #print(value)
  return value
t=temperature()
def humidity():
  range=random.randint(40,100)
  #print(range)
  return range
h=humidity()
#for temperature
if t>30:
  print("High temperature detetcted")
  print("Temperature reached maximum threshold of 30 degrees celsius")
else:
  print("Temperature is good")
#for Humidity
if h>65:
  print("High humidity detetcted")
elif t == 65:
  print("Humidity reached maximum threshold of 65 percent")
else:
  print("Humidity is good")
```

