**ASSIGNMENT – 2**

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| **Date:** | **26 September 2022** |
| **Team ID** | **PNT2022TMID14963** |
| **Project** | **Real-Time River Water Quality Monitoring and Control System** |

**Code:**

**import random**

**temperature = round(random.random() \* 50,2)**

**humidity = round(random.random() \* 100,2)**

**if temperature >= 35:**

**print("The temperature is: " + str(temperature))**

**print("The humidity in air is " + str(humidity) +"%")**

**print("It is hot ALARM!")**

**elif temperature >20 and temperature < 35:**

**if temperature >= 30 and humidity >50:**

**print("The temperature is: " + str(temperature))**

**print("The humidity in air is " + str(humidity) +"%")**

**print("It feels hot because of humidity ALARM!")**

**elif temperature >= 25 and humidity >80:**

**print("The temperature is: " + str(temperature))**

**print("The humidity in air is " + str(humidity) +"%")**

**print("It feels hot because of humidity ALARM!")**

**else:**

**print("The temperature is: " + str(temperature))**

**print("The humidity in air is " + str(humidity) +"%")**

**print("The weather is great today!")**

**else:**

**print("The temperature is: " + str(temperature))**

**print("The humidity in air is " + str(humidity) +"%")**

**print("It is cold outside ALARM!")**