**ASSINGNMENT 2**

**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:**

print("Welcome To The Body Temparature Monitoring System")

print()

first\_name = input('Enter the First Name : ')

last\_name = input('Enter the Last Name : ')

dob = input('Enter the DOB : ')

mobile = int(input('Enter the Mobile Number : '))

blood = input('Enter the Blood Group : ')

address = input('Enter the Address: ')

pincode = int(input('Enter the Pincode : '))

temp = int(input('Enter the temperature : '))

print('Enter in which you want to convert ?')

user = int(input("1. Celsious\n2. Fahrenheit\n"))

if user == 1:

# calculate celsius

result = (temp - 32) / 1.8

convention = "Celsius"

elif user == 2:

# calculate fahrenheit

result = (temp \* 1.8) + 32

convention = "Fahrenheit"

else:

# irrelavent data

print("Input proper convention.")

quit()

print("The temperature in", convention, "is", result, "degrees.")

print()

if result > 98.6 and convention == "Fahrenheit":

print("Hi", first\_name, "your Temparature is raised in above 98.6 degrees",

convention, "so,")

print("Dr", first\_name, "Please check your body temparature.")

print()

elif result > 37 and convention == "Celsius":

print("Hi", first\_name, "your Temparature is raised in above 37 degrees",

convention, "so,")

print("Dr", first\_name, "Please check your body temparature.")

print()

print("Thank You !", first\_name)



