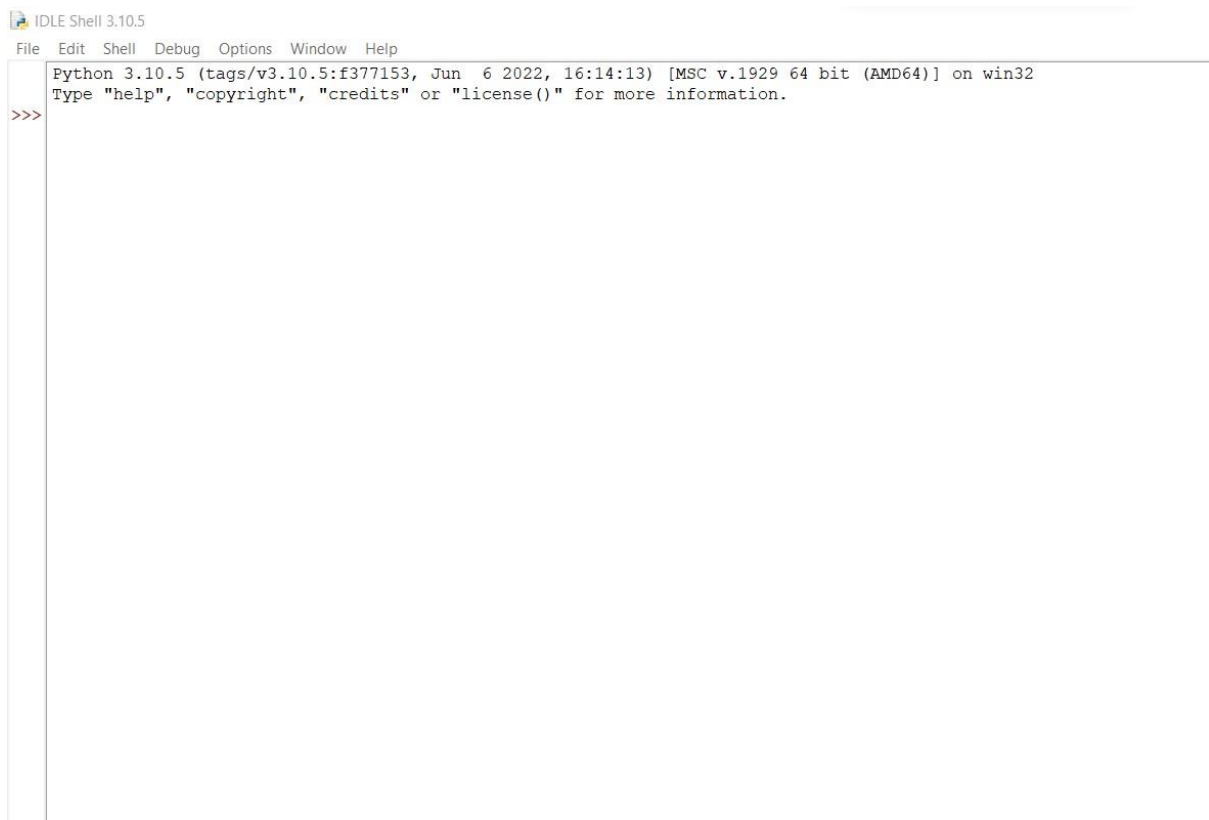


Prerequisites

Software (Python 3.10.5)

Date	7 September 2022
Team id	PNT2022TMID23100
Project name	IoT based safety gadget for child safety monitoring and notification
Maximum marks	4 marks

Safety Gadget for child safety Monitoring & Notification :



Program & Output in Python IDLE 3.10.5 - 64bit

ibm code.py - C:/Users/91701/AppData/Local/Programs/Python/Python310/ibm code.py (3.10.5)

File Edit Format Run Options Window Help

```
import random
import time
while (True):
    temperature=round(random.uniform(30,40),1)
    print("Temperature :"+str(temperature))
    humidity=random.randint(10,80)
    print("Humidity :"+str(humidity)+"\n")

    if(temperature > 36.5 and temperature < 37.5):
        print("Normal Body Temperature")
    else:
        print("Abnormal Body Temperature")

    if(humidity >30 and humidity <60):
        print("Normal Humidity")
    else:
        print("Abnormal Humidity")
    if((temperature >36.5 and temperature <37.5) and (humidity >30 and humidity < 60)):
        print("All is good,Stay Healthy !!")

    time.sleep(1)
    print("-----")
```

IDLE Shell 3.10.5

File Edit Shell Debug Options Window Help

```
Abnormal Body Temperature
Abnormal Humidity
-----
Temperature :39.0
Humidity :45

Abnormal Body Temperature
Normal Humidity
-----
Temperature :37.8
Humidity :34

Abnormal Body Temperature
Normal Humidity
-----
Temperature :39.0
Humidity :10

Abnormal Body Temperature
Abnormal Humidity
-----
Temperature :35.0
Humidity :71

Abnormal Body Temperature
Abnormal Humidity
-----
Temperature :31.4
Humidity :47

Abnormal Body Temperature
Normal Humidity
-----
Temperature :38.7
Humidity :47

Abnormal Body Temperature
Normal Humidity
-----
Temperature :38.5
Humidity :12

Abnormal Body Temperature
Abnormal Humidity
-----
```