

Practical Report

For IoT Practical



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* **4.2 Serial Communication – Send Various type of data**

Using Arduino Serial communication, we can pass or send various type of data like binary, octal, decimal and hexadecimal.

* Code:

int number = 1;

void setup()

{

  int baudRate = 9600;

  /\* Established Serial Communication. \*/

  Serial.begin(baudRate);

  /\* Wait until Serial Communication not established. \*/

  while(!Serial){}

  /\* Send data through Serial Communication. \*/ param.

  Serial.println("- Name of Author : DSP -");

  Serial.println("---------------------------------------------------------");

}

void loop()

{

 Serial.println("----------Process Start!----------");

 Serial.print("Interger number ");

 Serial.print(number);

 Serial.print(" & Binary : ");

 Serial.print(number, BIN); /\* For Binary Data\*/

 Serial.

(number, HEX);

 Serial.flush();print(" & Octal : ");

 Serial.print(number, OCT); /\* For Octal Data\*/

 Serial.print(" & HEXADECIMAL : "); /\* For Hexadecimal Data\*/

 Serial.println

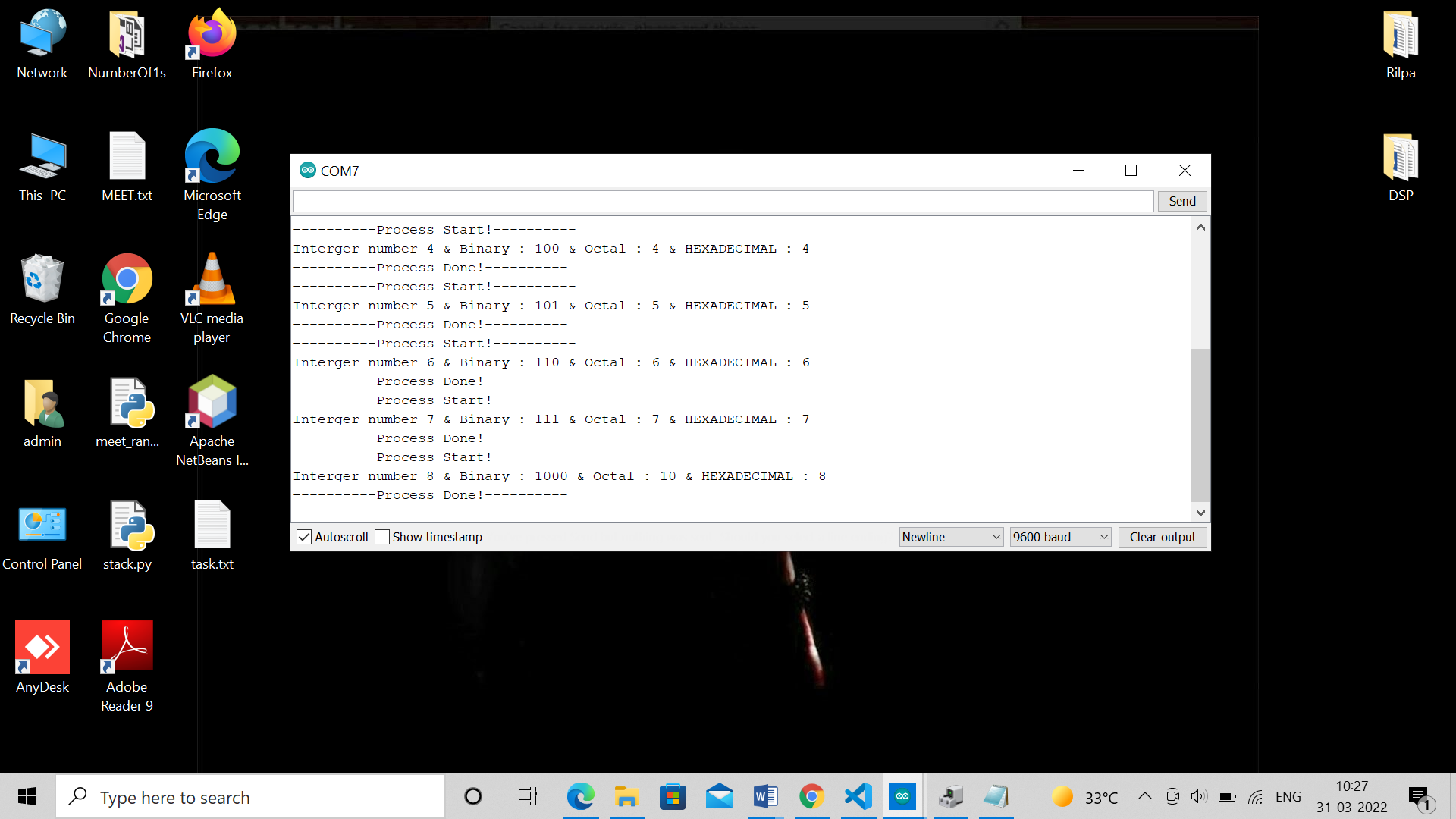
 Serial.println("----------Process Done!----------");

 delay(2000);

 number++;

}

* Output:



Output From Dwaidh Terminal