PRACTICAL REPORT

For IoT Practical

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4.1 Serial Communication

Serial communication is a communication method that uses one or two transmission lines to send and receive data and that data is continuously sent and received one bit at a time

Baud Rate: Specify the transfer rate at which data will be transfer through Serial Communication.
9600 Baud rate means it can pass 9600 bits per seconds(bps) through Serial Communication.

Code:

```
int number = 1;
int baudRate = 9600;

void setup()
{
/* Established Serial Communication. */
  Serial.begin(baudRate);

  /* Wait until Serial Communication not established. */
  while(!Serial){}

  /* Send data through Serial Communication. */
  Serial.println("(*) First Program (*)");
  Serial.println("- Name of Author : DSP -");
  Serial.println("------------------------------------------------------");
}

void loop()
{
  Serial.print(number); // print in countinouse line.
  Serial.print(",");
  delay(2000); // wait for 2 seconds.
  number++;
}
```

- Output: