# Description:

Write a program to parse values sent from PC.

# Source Code:

long t = 0; //declare and initialize variable for displaying data

void setup()

{

Serial.begin(9600);

}

void loop()

{

while(Serial.available() <= 0)

{

int t = Serial.parseInt(); //accepting data from serial monitor and parsing its value

Serial.print("t ="); //printing data to serial monitor

Serial.println(t); //printing data to serial monitor

}

}

# Libraries:

No libraries required

# Functions:

*Serial.begin(9600):*

Sets the data rate in bits per second (baud) for serial data transmission. Here we have data rate (baud) to 9600 bps.

*Serial.parseInt():*

This is used to parse integer value to be displayed on the serial monitor.

*Serial.available():*

Get the number of bytes (characters) available for reading from the serial port.