**CA LAB TASK 2**

**STD\_ID:10187**

Question:02

Pulse width modulation, or pulse-duration modulation, is a method of reducing the average power delivered by an electrical signal, by effectively chopping it up into discrete parts.

Question:03

The PWM pins are used for giving the desired analog output . They are used to set the LED brightness or to run Stepper or Servo Motor or anything which require analog inputs .  
Question:04

Yes,The value of this pullup depends on the microcontroller used. On most AVR-based boards, the value is guaranteed to be between 20kΩ and 50kΩ. On the Arduino Due, it is between 50kΩ and 150kΩ.