

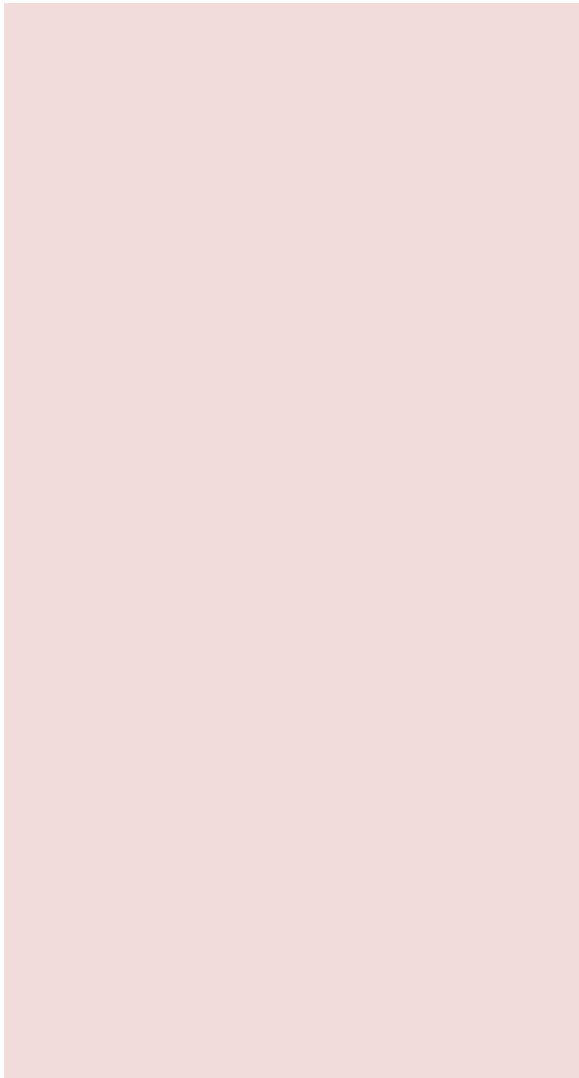
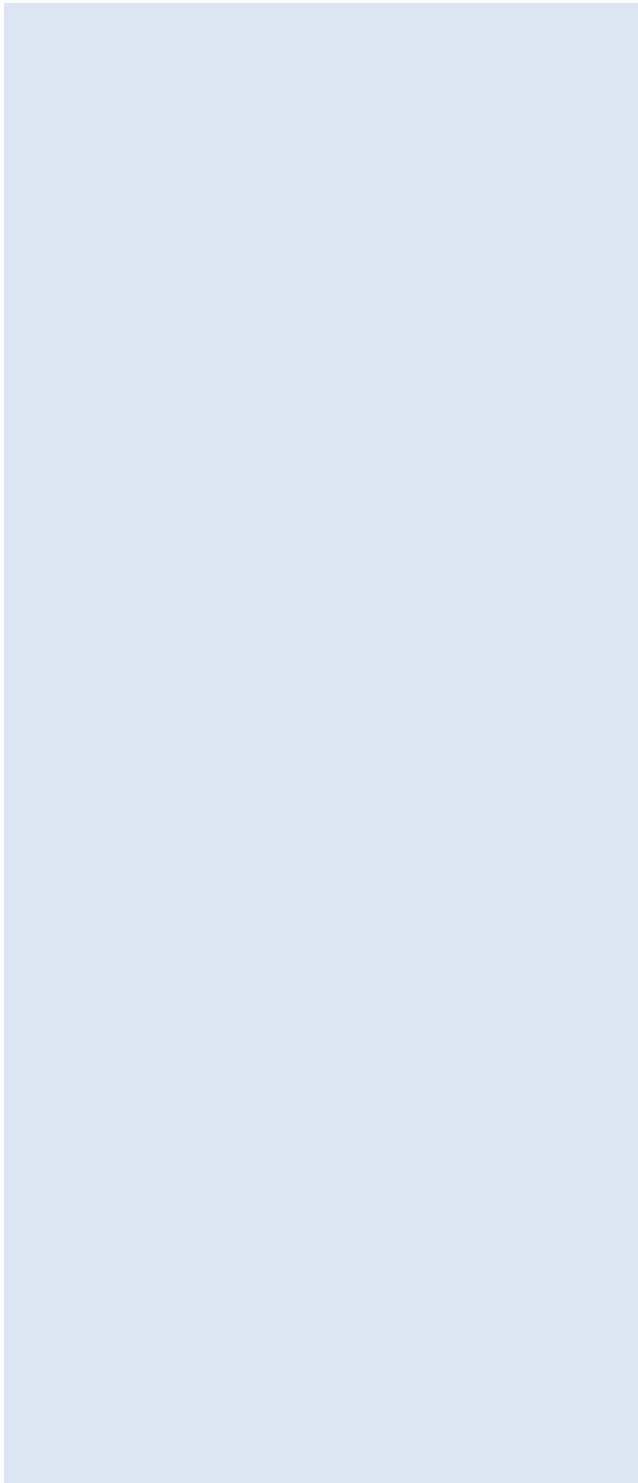
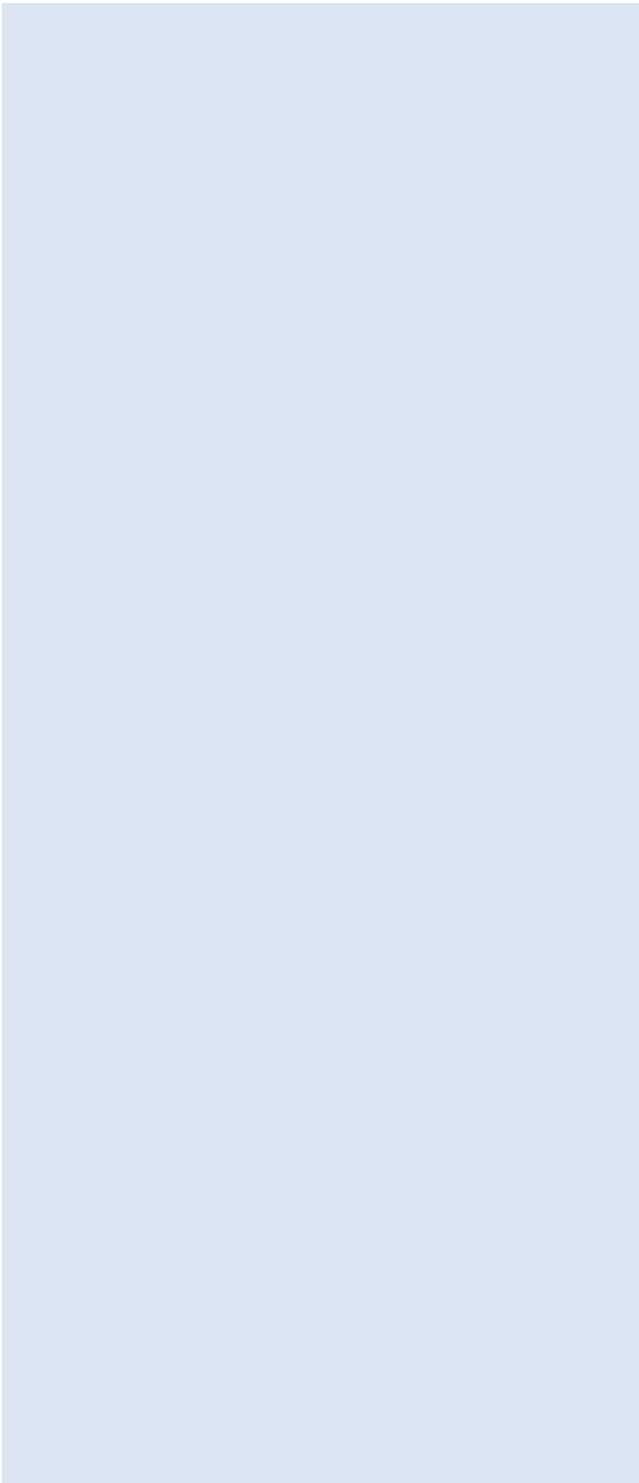
SLOG SOLUTIONS PRIVATE LIMITED
TECHNOLOGY: IOT using ARDUINO UNO
DURATION: MODULE 1 (4 WEEKS)
MODULE 1 + 2 (6 WEEKS)

MODULE 1:

- Introduction of Arduino Uno
- What is Arduino board
- History of Arduino board
- What is IOT
- What is microprocessor and microcontroller?
- Difference between microcontroller and microcontroller
- Basic function related to start up and GPIO in Arduino
- Basic development boot loader for Arduino
- Arduino IDE Software and installation.
- Interfacing of LED
- Interfacing with button
- Interfacing with 7-segment
- Interfacing with motor
- Interfacing with LCD
- Interfacing with sensors- IR , PIR ,ULTRASONIC, light ,temperature.
- USART in Arduino

• **MODULE 2:**

- ADC in Arduino
- PWM in Arduino
- Arduino I2C.



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