**COMPUTER ARCHITECTURE LAB**

**LAB TASK 1**

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**Task 1:**

void setup() {

pinMode(13,OUTPUT);

}

void loop() {

digitalWrite(13,HIGH);

delay(1000);

digitalWrite(13,LOW);

}

**Task 2: If switch on, print “1”, else print “0”.**

#define inputPin1 13

void setup() {

  // put your setup code here, to run once:

  pinMode(inputPin1,INPUT);

}

void loop() {

  // put your main code here, to run repeatedly:

  int readPin1= digitalRead(inputPin1);

  if(readPin1==HIGH){

**Serial**.print(1);

  }

  else{

**Serial**.print(0);

  }

  delay(1000);

}

