CAPE INSTITUTE OF TECHNOLOGY

LEVINGIPURAM

DEPARTMENT OF ELECTONICS AND COMMUNICATION ENGINEERING

# IBM NALAIYA THIRAN ASSIGNMENT-1

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SMART HOME AUTOMATIC DOOR SENSOR

CODING:

#include<Servo.h> Servo myservo; int led=6; int pir=2;

void setup()

{

pinMode(pir,INPUT); pinMode(led,OUTPUT); myservo.attach(9);

Serial.begin(9600);

}

void loop()

{

int val = digitalRead(pir); Serial.println(val); if(val==HIGH){ digitalWrite(led,HIGH); myservo.write(70);

}

else{ digitalWrite(led,LOW); myservo.write(10);

}

delay(10);

