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| PROJECT DEVELOPMENT DELIVERY OF SPRINT-1       |  |  | | --- | --- | | **DATE** | 7 November 2022 | | **TEAM ID** | PNT2022TMID31597 | | **PROJECT NAME** | Real time river water quality monitoring and control system |     SPRINT-1  #include LiquidCrystal 1cd(5,6,8,9,10,11); int red1ed = 2; int green1ed = 3; int buzzer = 4; int sensor = A0; int sensorThresh = 400; void setup()    {  pinMode(red1ed, OUTPUT); pinMode(green1ed,OUTPUT); pinMode(buzzer,OUTPUT); pinMode(sensor,INPUT); serial.begin(9600);  1cd.begin(16,2);  }  Void loop()  {  int analogValue = analogRead(sensor); Serial.print(analogvalue); if(analogValue>sensorThresh)  {  digitalWrite(red1ed,HIGH); digit1Weite(green1ed,LOW); tone(buzzer,1000,10000);  1cd.clear();    1cd.setCursor(0,1);  1cd.print(“MONITORING”);  delay(1000);  1cd.clear();  1cd.setCursor(0,1);  1cd.print(“EVACUATE”);  delay(1000);  }  Else |
| {  digitalWrite(greenlad,HIGH); digitalWrite(red1ed,LOW); noTone(buzzer);  1cd.clear();    1cd.setCursor(0,0); 1cd.print(“SAFE”); delay(1000);  1cd.clear();  1cd.setCursor(0,1); 1cd.print(“ALL CLEAR”);  delay(1000);  }  } |