   IBM ASSIGNMENT -1

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Real time communication system powered by AI for specially abled Using IoT:

Code:

void setup()

{

Serial.begin(9600);

pinMode(4, OUTPUT);

pinMode(3, OUTPUT);

pinMode(7, OUTPUT);

pinMode(6, OUTPUT);

pinMode(11, INPUT);

pinMode(12, INPUT);

pinMode(9, INPUT);

}

void loop()

{

int foward = digitalRead(11);

int right = digitalRead(9);

int left = digitalRead(12);

if ((foward==1)&&(right==0)&&(left==0)){

digitalWrite(4,LOW);

analogWrite(3, 255);

digitalWrite(7,LOW);

analogWrite(6, 255);

}

else if ((foward==0)&&(right==1)&&(left==0)){

digitalWrite(4,LOW);

analogWrite(3, 0);

digitalWrite(7,LOW);

analogWrite(6, 255);

}

else if ((foward==0)&&(right==0)&&(left==1)){

digitalWrite(4,LOW);

analogWrite(3, 255);

digitalWrite(7,LOW);

analogWrite(6, 0);

}

if ((foward==0)&&(right==0)&&(left==0)){

digitalWrite(4,LOW);

analogWrite(3, 0);

digitalWrite(7,LOW);

analogWrite(6, 0);

}

//delay(1000); // Wait for 1000 millisecond(s)

}