```
#define s0 A0
#define s1 A1
#define s2 A2
#define s3 A3
#define s4 A4
#define rmotor 7
#define lmotor 8

void setup() {
pinMode(1,INPUT);
pinMode(2,INPUT);
pinMode(3,INPUT);
pinMode(4,INPUT);
pinMode(5,INPUT);
pinMode(7,OUTPUT);
pinMode(8,OUTPUT);

}

void loop() {
if ( analogRead(s0==LOW) && analogRead(s1,s2,s3,s4==HIGH))
{digitalWrite(lmotor,HIGH);
digitalWrite(rmotor,HIGH);}
else if (s0,s1,s2,s3,s4==LOW)
{digitalWrite(lmotor,HIGH) ;
digitalWrite(rmotor,HIGH);
}
else if ((analogRead(s0,s4==LOW ) && analogRead(s1,s2,s3==HIGH))
||analogRead(s3,s4==LOW) && analogRead(s0,s1,s2==HIGH))
{digitalWrite(lmotor,LOW);
digitalWrite(rmotor,HIGH);}
else if ((analogRead(s0,s1==LOW) && analogRead(s2,s3,s4==HIGH)) ||
analogRead((s1,s2==HIGH) && analogRead(s0,s3,s4==HIGH)))
{digitalWrite(lmotor,HIGH);
digitalWrite(rmotor,LOW); }
else if (analogRead(s0 == HIGH) && analogRead(s1,s2,s3,s4 == LOW) ||
(analogRead(s0,s2,s3==HIGH) && analogRead(s1,s4==LOW)))
{digitalWrite(lmotor,LOW);
digitalWrite(rmotor,HIGH);}
else if analogRead(s0,s1,s2,s3,s4==HIGH)
{digitalWrite(lmotor,HIGH);
digitalWrite(rmotor,HIGH);
}
```

```
else
{digitalWrite(lmotor,LOW);
digitalWrite(rmotor,LOW);}
}
```