

Line Follower Robot:

```
void setup()
{
    pinMode(10,OUTPUT);
    pinMode(11,OUTPUT);
    pinMode(12,OUTPUT);
    pinMode(13,OUTPUT);
    pinMode(0,INPUT);
    pinMode(1,INPUT);
}
int a,b;
void loop()
{
    a=digitalRead(0);
    b=digitalRead(1);
    if(a==0&&b==0)
    {
        digitalWrite(10,0);
        digitalWrite(12,0);

        digitalWrite(11,0);
        digitalWrite(13,0);

    }
    else if(a==1&&b==0)
```

```
{  
    digitalWrite(10,1);  
    digitalWrite(12,0);  
  
    digitalWrite(11,0);  
    digitalWrite(13,1);  
  
    delay(100);  
}
```

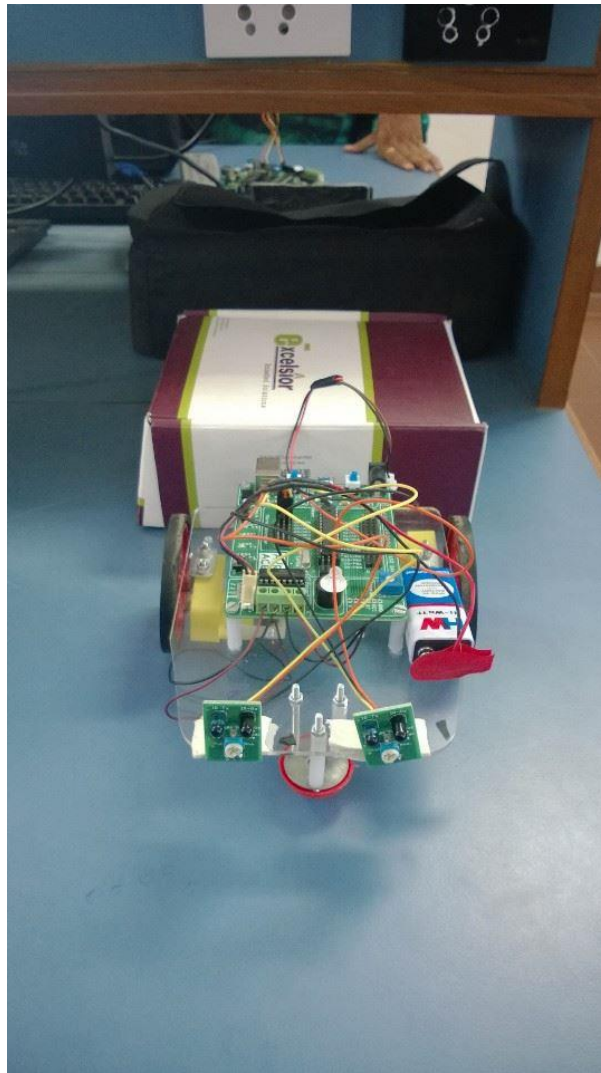
```
else if(a==0&&b==1)  
{  
    digitalWrite(10,0);  
    digitalWrite(12,1);  
  
    digitalWrite(11,1);  
    digitalWrite(13,0);  
    delay(100);  
}
```

```
else if(a==1&&b==1)  
{  
    digitalWrite(10,1);  
    digitalWrite(12,0);  
  
    digitalWrite(11,1);
```

```
digitalWrite(13,0);
```

```
}
```

```
}
```



Bot made using Arduino Uno Board, IR sensors and Arduino IDE to upload the program