

```
In[3]:= DSolve[x*y''[x] + y'[x] + y[x] == 0, y[x], x]
Out[3]= \{y[x] \rightarrow BesselJ[0, 2 \sqrt{x}] c_1 + 2 BesselY[0, 2 \sqrt{x}] c_2\}
```