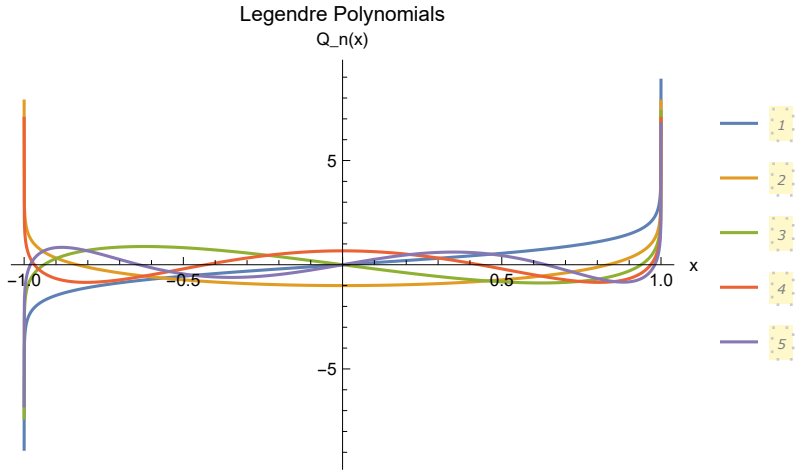
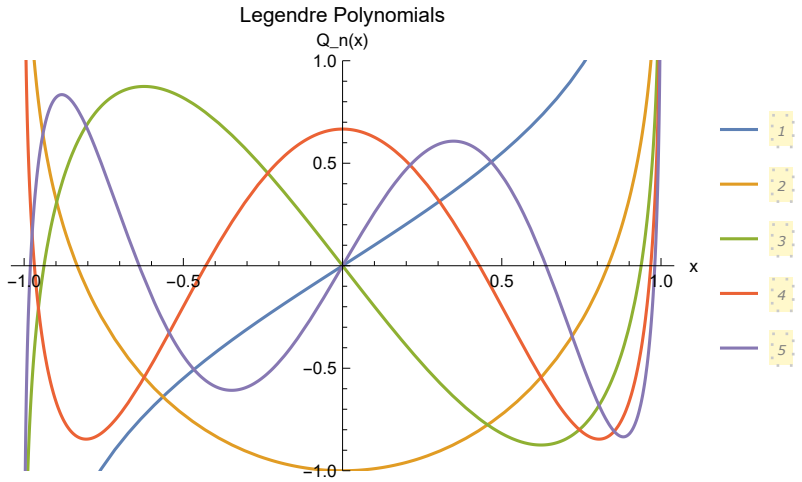
In[2]:=
```
Plot[Evaluate[LegendreQ[Range[0, 4], x]], {x, -1, 1}, PlotLegends → Automatic,
 PlotRange → All, AxesLabel → {"x", "Q_n(x)"}, PlotLabel → "Legendre Polynomials"]
```

Out[2]=



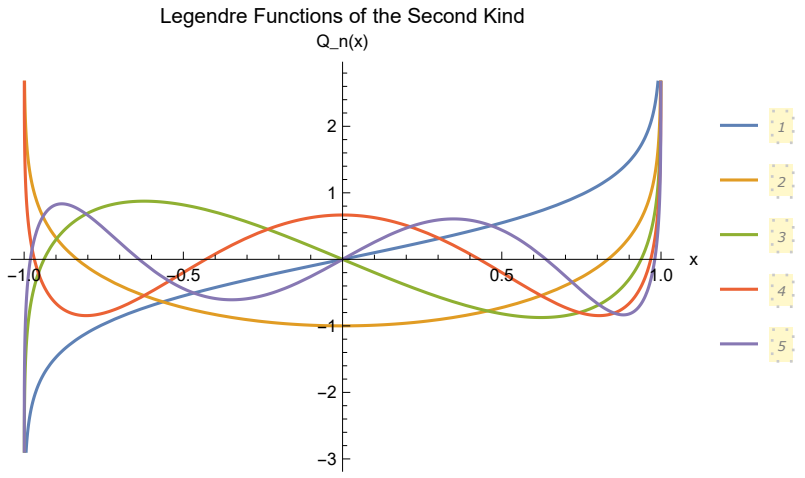
In[3]:=
```
Plot[Evaluate[LegendreQ[Range[0, 4], x]], {x, -1, 1}, PlotLegends → Automatic,
 PlotRange → {-1, 1}, AxesLabel → {"x", "Q_n(x)"}, PlotLabel → "Legendre Polynomials"]
```

Out[3]=



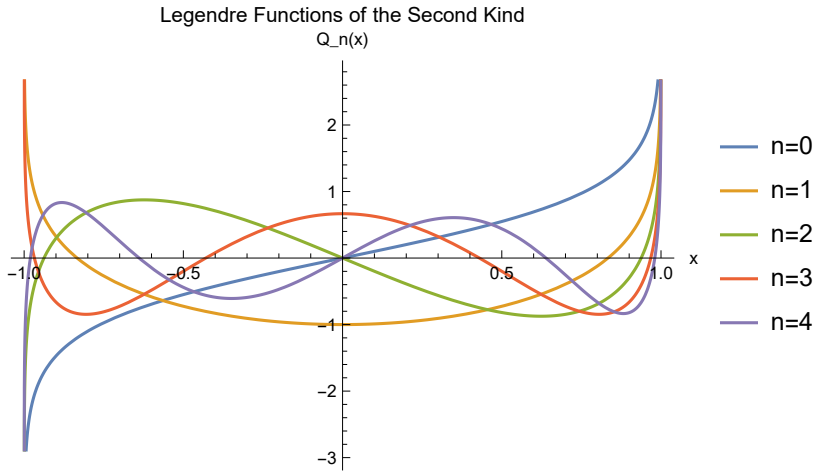
In[4]:=
```
Plot[Evaluate[Table[LegendreQ[n, x], {n, 0, 4}]], {x, -1, 1}, PlotLegends → Automatic,
 AxesLabel → {"x", "Q_n(x)"}, PlotLabel → "Legendre Functions of the Second Kind"]
```

Out[4]=



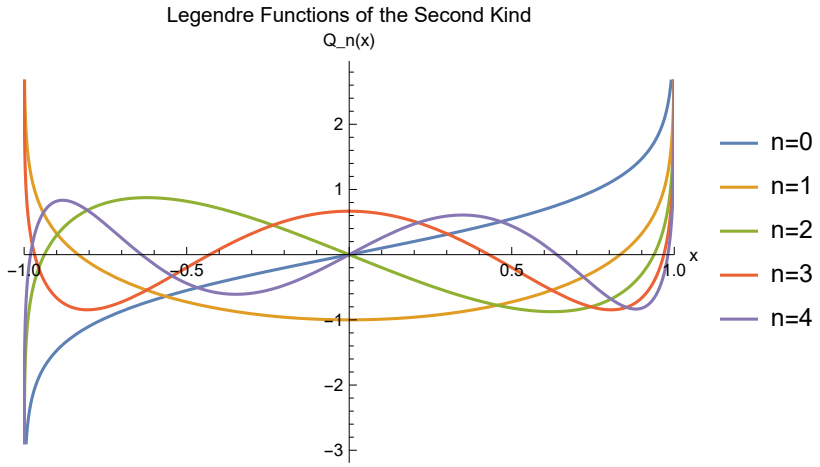
In[5]:=
```
Plot[Evaluate[Table[LegendreQ[n, x], {n, 0, 4}]],
 {x, -1, 1}, PlotLegends → Table["n=" <> ToString[n], {n, 0, 4}],
 AxesLabel → {"x", "Q_n(x)"}, PlotLabel → "Legendre Functions of the Second Kind"]
```

Out[5]=



In[6]:=
```
Plot[Evaluate[Table[LegendreQ[n, x], {n, 0, 4}]], {x, -1, 1},
 PlotLegends → Table["n=" <> ToString[n], {n, 0, 4}], AxesLabel → {"x", "Q_n(x)"},
 PlotLabel → "Legendre Functions of the Second Kind", PlotRange → {{-1, 1}, Automatic}]
```

Out[6]=



In[7]:=
```
Plot[Evaluate[Table[LegendreQ[n, x], {n, 0, 4}]], {x, -1, 1},
 PlotLegends → Table["n=" <> ToString[n], {n, 0, 4}], AxesLabel → {"x", "Q_n(x)"},
 PlotLabel → "Legendre Functions of the Second Kind", PlotRange → {{-1, 1}, {-1, 1}}]
```

Out[7]=