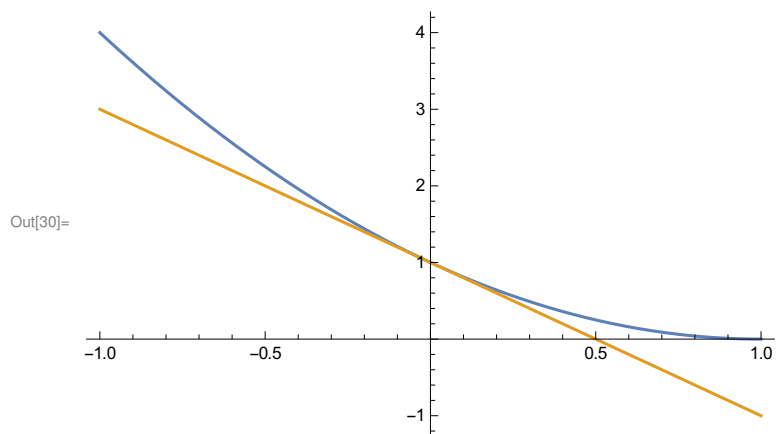


```

In[23]:= f[x_] := (x - 1)^2;
g[x_] := Exp[-2 x];
h[x_] := 1 + Log[1 - 2 x];
Lf[a_][x_] := f[a] + (D[f[t], t] /. t -> a) (x - a);
Lg[a_][x_] := g[a] + (D[g[t], t] /. t -> a) (x - a);
Lh[a_][x_] := h[a] + (D[h[t], t] /. t -> a) (x - a);
p = 0;
Plot[{f[x], Lf[p][x]}, {x, -1, 1}, ImageSize -> Medium]

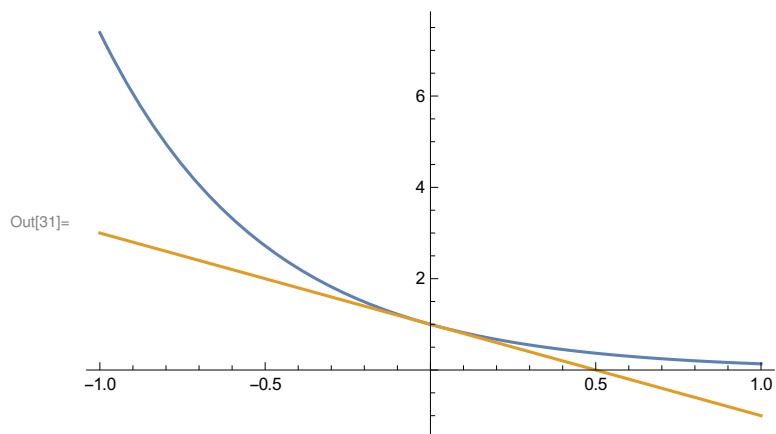
```



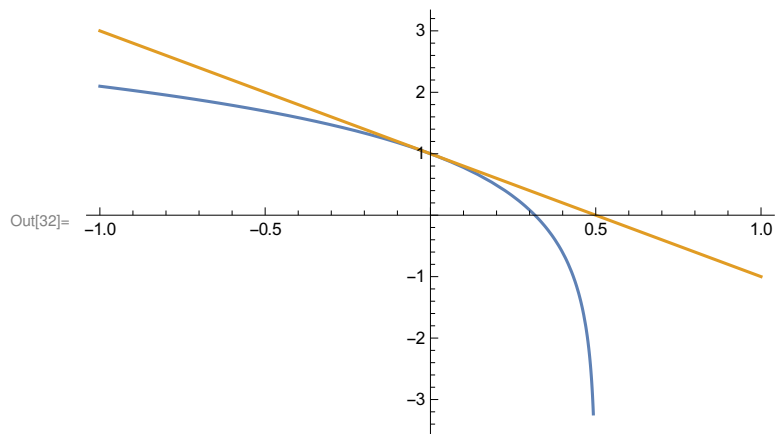
```

In[31]:= Plot[{g[x], Lg[p][x]}, {x, -1, 1}, ImageSize -> Medium]

```



In[32]:= `Plot[{h[x], Lg[p][x]}, {x, -1, 1}, ImageSize → Medium]`



In[34]:= `Plot[{f[x], g[x], h[x], Lf[p][x]}, {x, -0.5, 0.5}, ImageSize → Large, PlotLegends → "Expressions"]`

