

```

[>
[=
> restart
> EcuacionDiferencial := diff(y(x), x) = 0
      EcuacionDiferencial :=  $\frac{d}{dx} y(x) = 0$  (1)
[=
> Solucion := dsolve(EcuacionDiferencial)
      Solucion :=  $y(x) = c_1$  (2)
[=
> Comprobacion := eval(subs(y(x) = rhs(Solucion), EcuacionDiferencial))
      Comprobacion :=  $0 = 0$  (3)
[=
> restart
> Ecuacion := diff(y(x), x) = y(x)
      Ecuacion :=  $\frac{d}{dx} y(x) = y(x)$  (4)
[=
> Solucion := dsolve(Ecuacion)
      Solucion :=  $y(x) = c_1 e^x$  (5)
[=
> Comprobacion := eval(subs(y(x) = rhs(Solucion), Ecuacion))
      Comprobacion :=  $c_1 e^x = c_1 e^x$  (6)
[=
>
[=
>
[=
>

```