

```
solution = DSolve[y'[t] == t (y[t])^3, y[t], t]
```

```
{ {y[t] -> - 1 / Sqrt[-t^2 - 2 c_1]}, {y[t] -> 1 / Sqrt[-t^2 - 2 c_1]} }
```

```
f[t_] = y[t] /. solution[[1]]
```

```
g[t_] = y[t] /. solution[[2]]
```

```
F[t_] = Table[f[t] /. c_1 -> j, {j, -10, 10}]
```

```
G[t_] = Table[g[t] /. c_1 -> j, {j, -10, 10}]
```

```
Plot[{F[t], G[t]}, {t, -5, 5}]
```



