

```
[>
```

```
實習21.1
```

```
(1)
```

```
> dsolve( {diff(v(t), t) = -g, v(0) = v0}, v(t) )  
v(t) = -g t + v0
```

(1)

```
[>
```

```
(2)
```

```
> dsolve( {diff(x(t), t, t) = -g, x(0) = x0, D(x)(0) = v0}, x(t) )  
x(t) = -1/2 g t^2 + v0 t + x0
```

(2)

```
[>
```