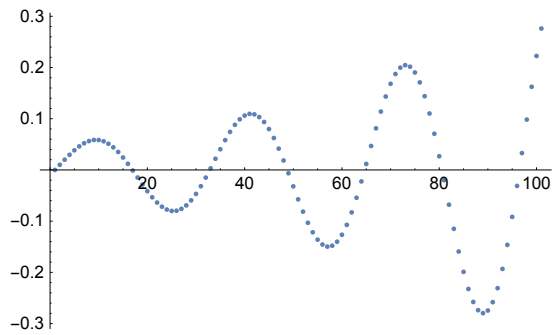


دیفرانسیل معادلات حل برای استفاده :

`omg = 2; ep = 0.1;`

```
RecurrenceTable[{x[n + 2] == 2 x[n + 1] - x[n] - omg^2 ep^2 x[n], x[0] == 0, x[1] == 0.01}, x,  
{n, 0, 100}];
```

```
ListPlot[%]
```



`omg = 2; ep = 0.01;`

```
rt = RecurrenceTable[{x[n + 2] == 2 x[n + 1] - x[n] - omg^2 ep^2 x[n], x[0] == 0, x[1] == 0.01}, x,  
{n, 0, 800}];
```

```
p11 = ListPlot[rt]
```

