we could present the equation in the form :

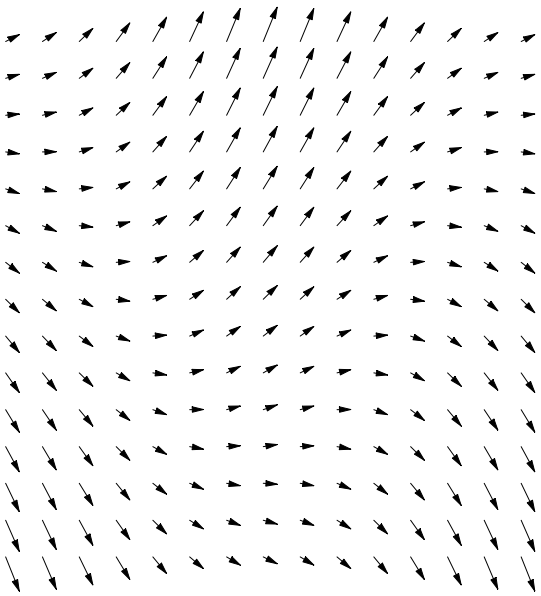
dy / dx = (1 / 2) y + Cos[x]

then a Mathematica notebook to draw the slopefield could be :

```
<< Graphics`PlotField`
```

In[69]:=

```
PlotVectorField[{1, (1 / 2) y + Cos[x]}, {x, -3, 3}, {y, -3, 3}, PlotJoined → True]
```



Out[69]= - Graphics -

another oportunity is :

```
<< Graphics`PlotField`
VectorPlot[{1, (1 / 2) y + Cos[x]}, {x, -3, 3}, {y, -3, 3}]
```