Slope Field Program (TI-82)

This program draws the slope field for the differential equation $\frac{dy}{dx}=f(x,y)$.

Where To Find The Commands
2nd Draw
2nd Y-VARS, On/Off,
VARS, Window; \rightarrow is on STO key.
Prgm
2nd Draw
Prgm
Prgm
Prgm

- To run this program: $1. \ \, \text{Enter} \, \frac{dy}{dx} = f(x,y) \text{ as } Y_1 = f(X,Y).$
- 2. Choose an appropriate WINDOW.
- 3. Run the program.
- 4. To get rid of previously drawn slope field, press "ClrDraw" (from the DRAW menu) or change the WINDOW.