Advance Numerical Technique Laboratory

Lab 2

**Q.1** Solve this boundary value problem using shooting method and classical runge kutta method.

**Solution** :-

Trigonal Matrix

Plot =

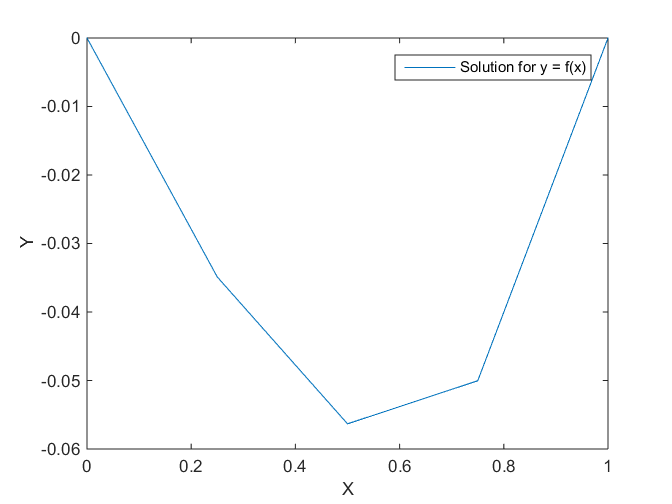


Fig. 1 Graph of the y values calculated

**Q.2** Solve this boundary value problem using shooting method and classical runge kutta method.

**Solution** :-

Trigonal Matrix

Plot =

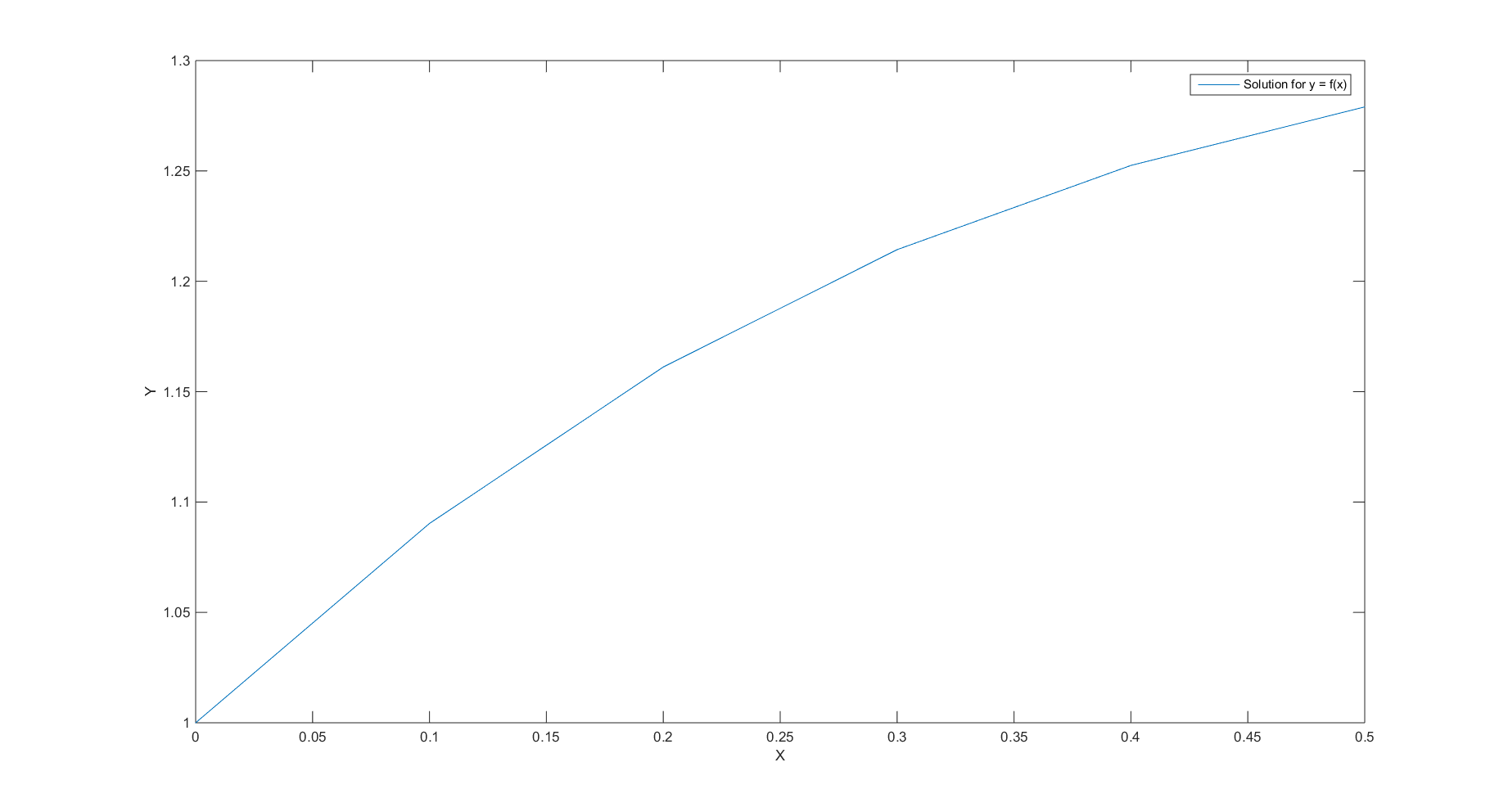


Fig. 2 Graph of the y values calculated