

Lab 4

1. Get Excel to sketch the graph of the function $y = x^2, x \in [-4, 4]$ and the tangent line to the graph at the point (x_0, y_0) on the same axes. The values of x_0 and y_0 respectively should be determined by values stored in two of the spreadsheet cells.
2. Write a C++ program which suffers from float overflow. Include appropriate comments in your program.
3. Write a C++ program which suffers from float underflow. Include appropriate comments in your program.