

Lab 14

ID1303: Introduction to Programming

1. Write a program that accepts the names of two text files and appends the contents of the second file to the first.
2. (*Optional*) Write a program to accept the name of a text file and print the lines in reverse order.
3. Use binary search to find a real root of a real polynomial. [*Optional*: Write a search function that accepts a function f of one variable as input, an interval $[a, b]$ such that $f(a)f(b) < 0$, a precision t , and outputs a value r such that f has a root that is at distance at most t from r .]
4. (*Optional*) Implement the selection sort algorithm.
5. Create your own pair of header and C files, and call it from another program.
6. (*Optional*) Implement the functions in bitmapheader.h in a bitmapheader.c file.