David Li

1. The biggest obstacle for Project 5 was just figuring out how to organize and type out the class and header files. Several small mistakes like forgetting a semicolon or an underscore created many red lines and threw me completely off. After I figured out the general syntax and format for creating the file, the rest of the program was much more straightforward.
2. test if getName works

Candidate c1(name, slogan, delegates); (name, slogan, delegates from cin)

cout << "Candidate Name: " << c1.getName() << endl;

cout << "Candidate Slogan: " << c1.getSlogan() << endl;

cout << "Candidate has " << c1.getDelegates() << " of delegates" << endl;

Test if selectNominee returns correct Candidate with the most delegates.

Candidate c2("John Coltrane", "I play the sax.", -12);

Candidate c3("Miles Davis", "I wrote the greatest jazz record of all time.", 23);

Candidate c4("Bill Evans", "I made that one Snow White tune famous.", 100);

assert(selectNominee(c1, c2, c3, c4).getName() == “Bill Evans”);

Candidate c5("Winner", "I am always the winnest", 100000);

assert(selectNominee(c1, c2, c3, c4, c5).getName() == “Bill Evans”);

Test if getDelegates returns 0 properly.

Candidate donald("Donald", "Make America Great Again", -2);

assert(donald.getName() == "Donald");

assert(donald.getSlogan() == "Make America Great Again");

assert(donald.getDelegates() == 0);

Test if setters work properly

Candidate c2;

cout << "Set name: " << endl;

cin.ignore(10000, '\n');

getline(cin, newname);

c2.setName(newname);

cout << "Set slogan: " << endl;

getline(cin,newslogan);

c2.setSlogan(newslogan);

cout << "How many delegates? " << endl;

cin >> newdelegates;

c2.setDelegates(newdelegates);

cout << "Candidate Name: " << c2.getName() << endl;

cout << "Candidate Slogan: " << c2.getSlogan() << endl;

cout << "Candidate has " << c2.getDelegates() << " of delegates" << endl;