

Election

-int numberOfCandidates

+ElectionSimulation()

+ElectionSimulation(vector<Candidate> lc, int nc)

+vector<Candidate> findWinner(int numOfVotes);

+vector<Candidate> findWinner(vector<Candidate> prevWinners, int num, int numOfVotes);

+~ElectionSimulation()

Candidate

-float voteProbability;

+Candidate();

+Candidate(string fname, string lname = "", int age = 30, float vp = 0)

+Candidate(const Candidate& c);

+float getProbability();

+void print();

+Candidate operator=(const Candidate& c);

+bool operator==(const Candidate& c);

+~Candidate();

Person

-string lastName;

-int age;

+Person();

+string firstName;

+Person(string fname, string lname = "", int a = 30);

+Person(const Person& p);

+void print();

+Person operator=(const Person& p);

+bool operator==(const Person& p);

+~Person();

