+toType(ptr: Measurement*); Temperature* +fromString(timestamp; uint16_t, value; string); shared_ptr<Temperature> +getTemperature(): float {query} +Temperature(timestamp: uint16_t, temperature: float) +toString(): string {query} -temperature: float +maximumTemperature(location: string&, measurement: shared_ptr<Measurement>&); bool +save(ostream& to): void +print(): void +load(istream& from): void +addMeasurement(location: const string&): void -data: map<string, vector<shared_ptr<Measurement>>> +parseLine(line: const string&, timestamp: uint16_t&, type: string&, remainder: string&): void +toString(): string {query} +getTimestamp(): long {query} +toTimeOfDay(timestamp: uint16_t): string +~Measurement() +Measurement(timestamp: uint16_t) +toTimestamp(hour: int, minute: int); uint16_t -timestamp: uint16_t Temperature MeasurementDb Measurement +toType(ptr: Measurement*): Humidity* +Humidity(timestamp: uint16_t, humidity: float)
+getHumidity(): float {query} -humidity: float +fromString(timestamp: uint16_t, value: string): shared_ptr<Humidity> +toString(): string {query} Humidity