

```

int main() {

    string cityName;

    bool
        validCity = false,
        cityData = false;

    int
        selection = 0,
        filePosition = 0,
        flatRateTime = 0,
        discountDay = 0,
        discountTime = 0;

    double
        perMileStandard = 0.00,
        perMileWeekend = 0.00,
        flatRateCost = 0.00,
        flatRateFree = 0.00,
        flatRateStop = 0.00,
        discountAmount = 0.00;

    cityName = DisplayCityMenu(selection);

    if (cityName == "Exit Application") {
        cout << endl
            << "User exited the application successfully.\n";
        exit(0);
    }

    validCity = IsValidCity(CITYFILE, cityName, filePosition);

    if (validCity == false) {
        cout << endl
            << "Error: City not found: " << cityName << endl;
        exit(0);
    }

    cityData = GetCityData(RATEFILE, filePosition, \
        flatRateTime, discountDay, discountTime, \
        perMileStandard, perMileWeekend, flatRateCost, \
        flatRateFree, flatRateStop, discountAmount);

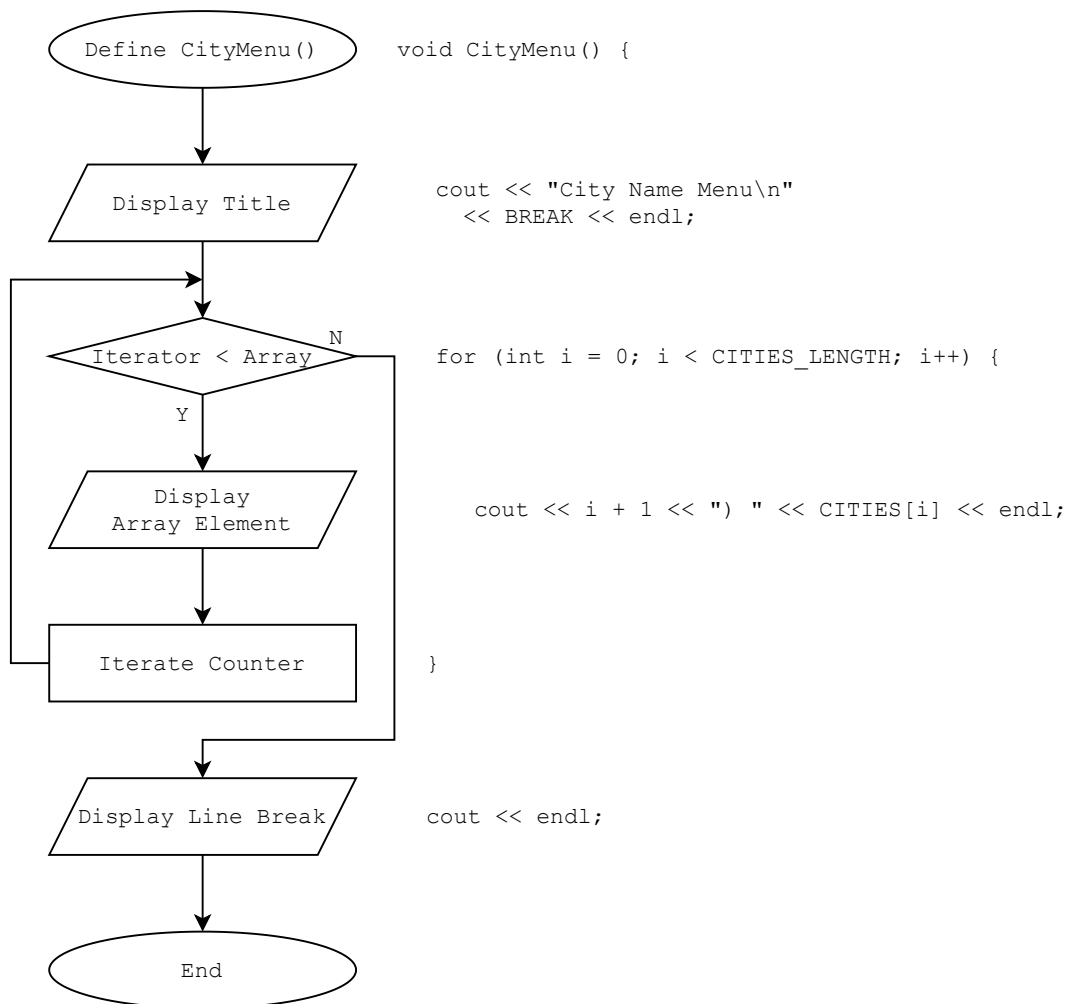
    if (cityData == false) {
        cout << endl
            << "Error: Rate data not found for city: "
            << cityName << endl;
        exit(0);
    }

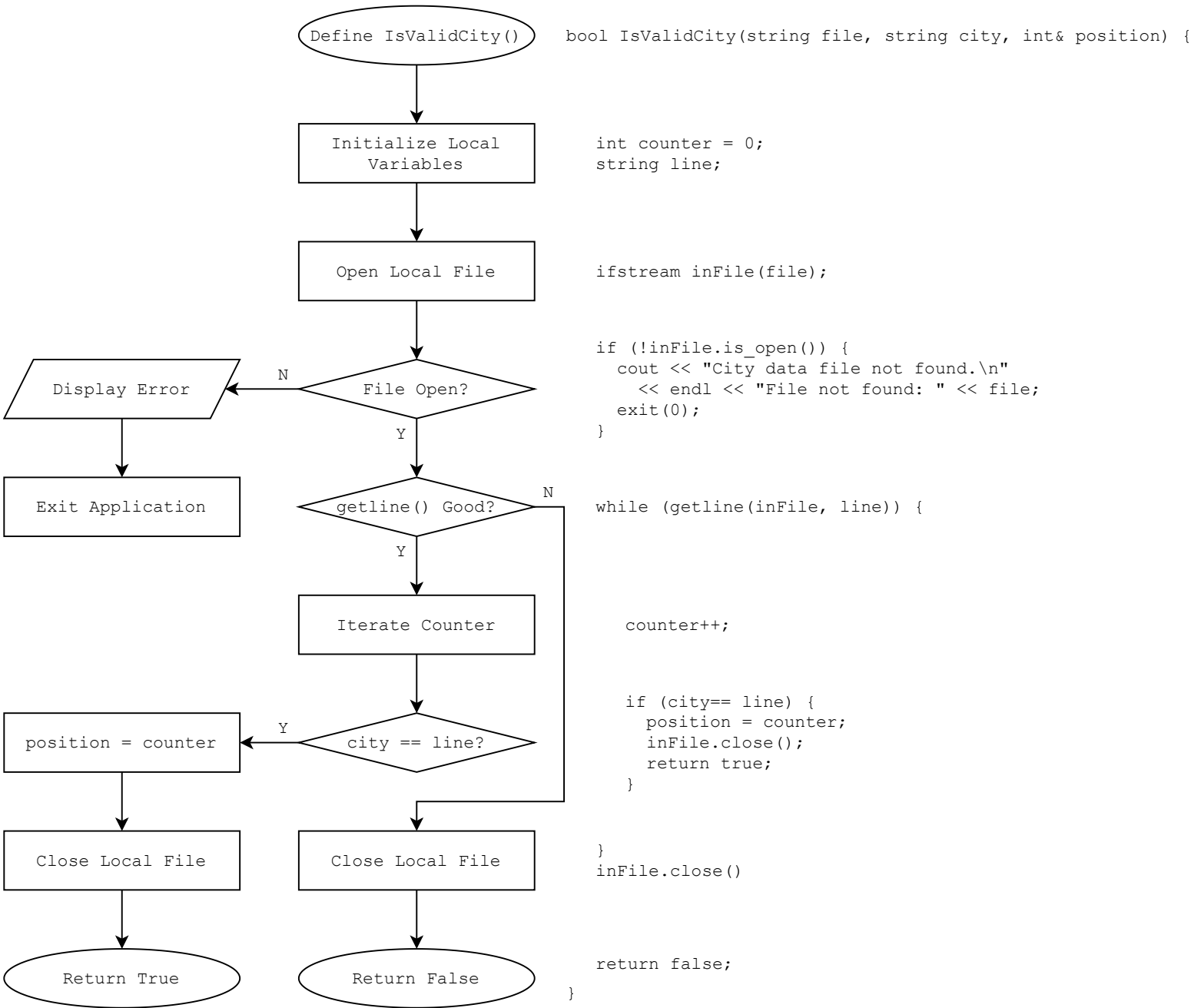
    cout << fixed << setprecision(2);

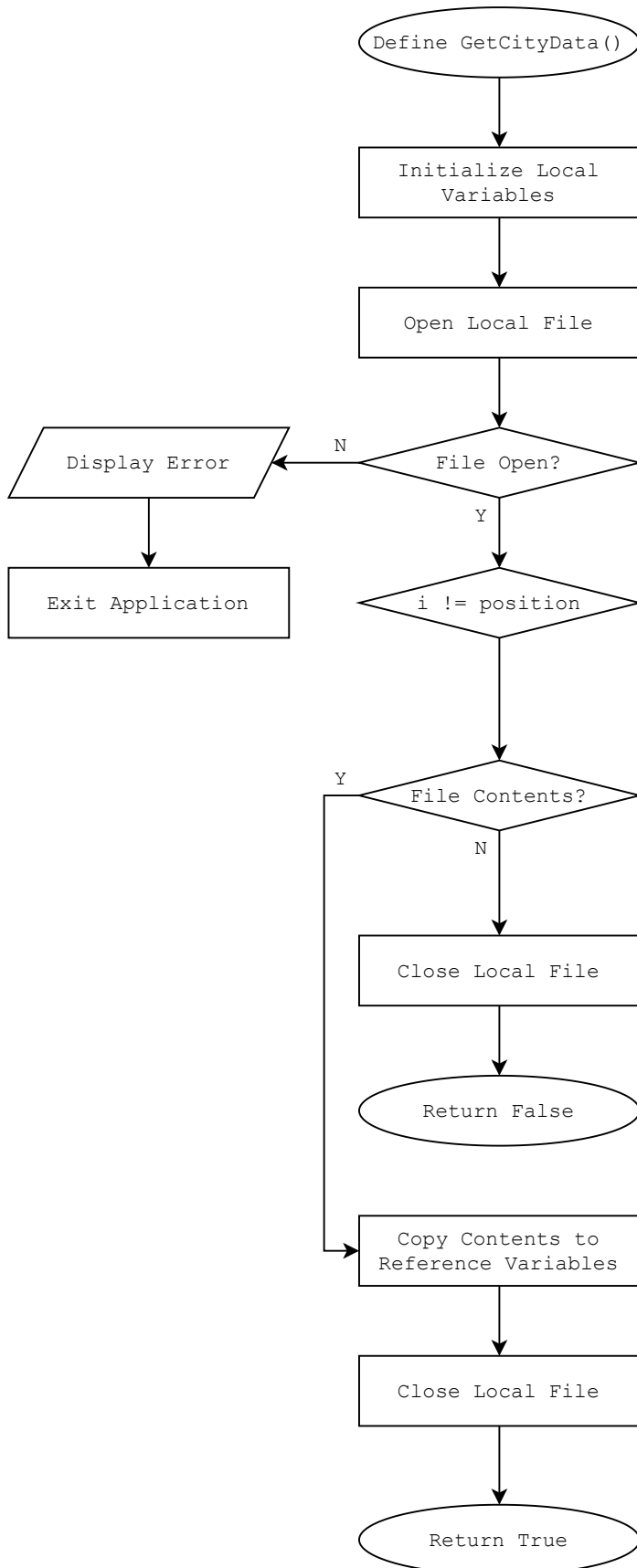
    cout << "\nTaxi Cab Rates\n"
        << BREAK
        << HEADERS[0] << cityName << endl
        << HEADERS[1] << perMileStandard << endl
        << HEADERS[2] << perMileWeekend << endl
        << HEADERS[3] << flatRateCost << endl
        << HEADERS[4] << flatRateTime << endl
        << HEADERS[5] << flatRateFree << endl
        << HEADERS[6] << flatRateStop << endl
        << HEADERS[7] << discountDay << endl
        << HEADERS[8] << discountTime << endl;
        << HEADERS[9] << discountAmount << endl;

    return(0);
}
  
```









```

bool GetCityData(string file, int position, \
  int& flatRateTime, int& discountDay, \
  int& discountTime, double& perMileStandard, \
  double& perMileWeekend, double& flatRateCost, \
  double& flatRateFree, double& flatRateStop, \
  double& discountAmount) {

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  string line;

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  ifstream inFile(file);

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  if (!inFile.is_open()) {
    cout << "Rate data file not found.\n"
          << endl << "File not found: " << file;
    exit(0);
  }

```

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  for (int i = 0; i != position; i++) {

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    if (inFile.good()) {
      inFile >> perMileStandard;
      inFile >> perMileWeekend;
      inFile >> flatRatecost;
      inFile >> flatRateTime;
      inFile >> flatRateFree;
      inFile >> flatRateStop;
      inFile >> discountDay;
      inFile >> discountTime;
      inFile >> discountAmount;
    }

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    else {
      inFile.close();
    }

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    return false;
  }

```

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}
inFile.close()

```

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return true;
}

```