**Output:**

**admin@chaitanya:~/Desktop/dsa$ g++ C14.cpp**

**admin@chaitanya:~/Desktop/dsa$ ./a.out**

**Enter number of cities:**

**3**

**Enter names of cities:**

**nashik**

**pune**

**mumbai**

**Is there a flight present from nashik to pune?(Y/N)**

**:y**

**Enter the fuel required for flight from nashik to pune?(Y/N)**

**:100**

**Is there a flight present from nashik to mumbai?(Y/N)**

**:y**

**Enter the fuel required for flight from nashik to mumbai?(Y/N)**

**:200**

**Is there a flight present from pune to mumbai?(Y/N)**

**:y**

**Enter the fuel required for flight from pune to mumbai?(Y/N)**

**:300**

**Adjacency matrix:**

**nashik pune mumbai**

**nashik 0 100 200**

**pune 100 0 300**

**mumbai 200 300 0**

**admin@chaitanya:~/Desktop/dsa$**