**Pseudo code structure:**

Name = name of site

Neighbours = a list of connections (edges) where each edge contains:

-target = the connected site

-weight = the distance or weight of the connection

**Pseudo code for: Search Site**

(as in tourist site)

Function Search(site\_name){

Site = findsite(siteName)

If site == null{

Print “not found”

return

}

Print “site name” + site.name

print “neighbours:”

for each neighbor in site.neighbors{

print neighbor.targe.name + “distance:” + neighbor.weight

}

}

**Pseudo code for: Insert site**

Function Insert(site1, site2, weight){

site1 = findSite(site1Name)

site2 = findSite(site2Name}

if site 1 == null OR site2 == null {

print “not found”

return

}

Create a new edge with:

Edge.target = site2

Edge.weight = weight

Add this edge to site1.neighbors

Create a new edge with:

Edge.target = site1

Edge.weight = weight

Add this edge to site2.neighbors

}

**The Code:**



