Lab2 – Relationships between Classes

Classes Description

- Employee Methods
  a. Employee(in Emp: Employee): Copy Constructor
     ........ : if you need an other methods in this class you can add it.
     You can’t add another constructor.
     The remaining methods were described in lab1.

- Organization
  a. - Name:
b. - Capital:
c. +CopyOrg(in org: Organization): to copy all information of org

- KAC
  a. +Display(in name: string): Display name, capital, number of employees for the organization that have the specified name.
  b. +GetOrg(in name: String): Organization ➔ returns the organization object that have the name specified.
  c. +search(in name: string): int ➔ returns the index of organization that its name specified.
  d. +SumCap():Double ➔ computes the summation of all organization capitals.
  e. +remove(in name string):bool ➔ Deletes the organization of the specified name.
  f. ArrayOfOrg(in x:int): [] Organization ➔ returns an array containing all the organization that has number of employees > x.

- Main()
  o You must make this menu:
    ▪ 1) to add new organization
      • Input organization name and capital
      • And 1) to add employee to this organization (input all employee information.
      • 2) to exit adding employees
    ▪ 2) to display name, Capital, number of employees for the organization
      • Input the organization name.
      • Use search method
    ▪ 3) to print the summation of all organizations capitals
    ▪ 4) to remove organization:
      • Input organization name.
    ▪ 5) to display the names of all organizations in the KAC which have number of employees > 3.