**פרח וזר- עידו יצחקי**

class Program

{

static void Main(string[] args)

{

Zer a = new Zer("1");

Zer b = new Zer("2");

Flower a1 = new Flower("a1", "blue", "winter", 30);

Flower a2 = new Flower("a2", "yellow", "summer", 40);

Flower a3 = new Flower("a3", "red", "winter", 50);

Flower a4 = new Flower("a4", "white", "summer", 60);

a.AddFlower(a1);

a.AddFlower(a2);

b.AddFlower(a3);

b.AddFlower(a4);

Console.WriteLine(a + " " + b);

}

}

class Zer

{

private int size = 0;

private string name;

private Flower[] a;

private string max;

public Zer(string name)

{

a = new Flower[1000];

this.name = name;

this.size = 0;

}

public string GetName()

{

return this.name;

}

public Flower[] GetZer()

{

return this.a;

}

public void AddFlower(Flower p)

{

a[size] = p;

size++;

}

public override string ToString()

{

return ("name- " + this.name + "size- " + this.size);

}

}

class Flower

{

private string name;

private string color;

private string season;

private int lengh;

private static int numf = 0;

public Flower(string name, string color, string season, int lengh)

{

this.name = name;

this.color = color;

this.season = season;

this.lengh = lengh;

Flower.numf++;

}

public Flower(Flower a)

{

this.name = a.name;

this.color = a.color;

this.lengh = a.lengh;

this.season = a.season;

Flower.numf++;

}

public string GetName()

{

return this.name;

}

public string GetColor()

{

return this.color;

}

public string GetSeason()

{

return this.season;

}

public int GetLengh()

{

return this.lengh;

}

public void SetName(string name)

{

this.name = name;

}

public void SetColor(string color)

{

this.color = color;

}

public void SetLengh(int lengh)

{

this.lengh = lengh;

}

public void SetSeason(string season)

{

this.season = season;

}

public override string ToString()

{

return ("name "+ this.name + "color " + this.color + "season " + this.season + "lengh "+ this.lengh );

}

public Boolean equals(Flower f)

{

if (this.name == f.name && this.color == f.color && this.lengh == f.lengh && this.season == f.season)

return true;

else

return false;

}

}