Student Propunator: Istrate Paul Ioan

Grupa:224

Email: istratepaul.i@gmail.com

class Pers : IComparable

{

public string name;

public string surname;

public Pers(string name, string surname)

{

this.name = name;

this.surname = surname;

}

public int CompareTo(object other){ return other.ToString().CompareTo(this.name);}

public override string ToString(){ return name+surname }

}

class Main {

static void Main(string[] args)

{

ArrayList studentList = new ArrayList();

studentList.Add(new Pers("B", "B"));

studentList.Add(new Pers("C","C"));

studentList.Add("A");

studentList.Sort();

foreach( Object st in studentList)

{

Console.Write(st);

}

}

}

1. CC BB A
2. A BB CC
3. Eroare
4. BB CC A

Rezolvare: Se observa ca clasa Pers implementeaza interfata IComparable iar metoda aferenta returneaza compararea intre elemental other si elementul curent(this) adica e ca si cum se compara invers, deci la apelarea sort se va sorta descrescator.