

BoyScout
- BoysActivities : List<String>
+ BoyScout ( name : String )
+ AddBoysActivity ( activity : String )
+ FilterBoysActivities ( activities : List<String> ) : List<String>
+ AddActivity (activity : Activity, score : Byte) : BoyScout
+ Print (number : int)



Scout
+ Name: String
- Activities : Dictionary<String, Byte>
+ Scout ( name : String )
# AddActivity (activity : String, score : Byte)
+ RemoveActivity (name : String)
+ GetAvgScore () : float
+ GetTotalScore (): int
+ GetActivitiesCount (): int
# Print (number : int)
+ PrintActivities () : List<String>



GirlScout
- GirlsActivities : List<String>
+ GirlScout ( name : String )
+ AddGirlsActivity ( activity : String )
+ FilterGirlsActivities ( activities : List<String> ) : List<String>
+ AddActivity (activity : String, score : Byte) : BoyScout
+ Print (number : int)

ScoutCamp
+ ALL: Byte + BOY: Byte + GIRL: Byte + ACTIVE : Boolean + LAZY : Boolean - ScoutList : List<Scout>
+ ShowMenu () - AddNewScout () - ShowActivitiesMenu () - ShowScoutActivities (scout : Scout) - TypeScoutActivities (scout : Scout) : List<String> - ShowDisplayScoutsMenu () - DisplayScouts (mode : Byte, message : String) - ShowCalculationMenu () + CalculateCampAvg () : float + CalculateHighestAvh (mode : Byte) : Scout + CalculateHighestTotal (mode : Byte) : Scout + CalculateActive (mode : Byte, best : Boolean) : Scout - GetScoutByIndex (index : int) : Scout + AddFooData ()