

Exercise 4 : Laurentian Amateur Hockey League

The representative of the Laurentian amateur hockey league, Mr Tremblay, would like to be able to print statistics of teams and players in his league every week in order to publish them in the local newspaper. He wants you to design a database that can enter information that will calculate the necessary statistics on teams and players.

Below are the statistics that Mr. Tremblay would like to print :

Statistics on teams :

Teams	LO	BF	BA	Home					
				W	L	T	W	L	T
St-Sauveur	1	46	30	7	1	1	3	3	0
Morin-Heights	0	50	31	7	1	1	3	3	1
St-Jérôme	0	37	32	4	1	2	2	4	2
Ste-Adèle	0	39	44	4	2	1	2	5	1

LO: Lost in overtime

W : Game won

L : Game lost

T : Game tied

BF : Goals for

BA : Goals against

Pts : Points (2 points par G + 1 point par N + 1 point par DP)

Statistics on players :

No	Player Name	Team	GP	Pts	G	A	Pun
49	Brian Sansoucis	St-Sauveur	15	16	10	6	0
11	Sak Kakkis	Morin-Heights	12	11	2	9	6
26	Martin Ruchet	St-Sauveur	15	10	4	6	14
14	Louis-Philippe Danois	St-Jérôme	15	6	1	5	18
37	Francis Bouillon	St-Jérôme	13	5	3	2	7
22	Patrick Poulin	Ste-Adèle	15	5	0	5	6
	Etc.						

G : Counted goals

A : Assists

Pts : points (B + A)

Pun : Minutes of punishment

GP : Games played

Mr. Tremblay also wants to save information on team sponsorships. There are a dozen sponsors who regularly help the amateur league teams in the Laurentides by giving them amounts of money. Mr. Tremblay would like to know, for each sponsorship : the sponsored team, the sum given by the sponsor, the date the sponsorship was given on, and the name of the sponsor.

**Sponsors are generous and often sponsor more than one team. Nothing prevents a team from being receiving sponsorships from more than one sponsor.**