

# Java Enterprise Edition

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## TASK 1

### Problem 1

Your aim is to develop a simple web application, which manages with footballers.

As a database, you can use simple **ArrayList** of **Footballer** class, inside of **DBManager.java** class, where you must create all methods to manage with them.

#### **Footballer.java**

- Long id;
- String name;
- String surname;
- int salary;
- String club;
- int transferPrice;

Create constructors, getters and setters for parameters.

Inside of **DBManager.java** class, create static **ArrayList** of **Footballer** class.

Also, create static methods to manage with footballers:

**void addFootballer(Footballer footballer);** //this method adds new footballer into list

**Footballer getFootballer(Long id);** //this method returns an object of footballer by id

**ArrayList<Footballer> getAllFootballers();** //this method returns a list of all footballers

**void deleteFootballer(Long id);** //this method deletes footballer from list by id

In main page, you will have a list of all footballers shown as in example:

## **Cristiano Ronaldo**

**Club:** Juventus

**Annual salary:** 30000000 EUR

**Transfer price:** 70000000 EUR

[details](#)

## **Vinicius Junior**

**Club:** Real Madrid

**Annual salary:** 6000000 EUR

**Transfer price:** 120000000 EUR

[details](#)

## **Ruslan Malinovskyi**

**Club:** Atalanta

**Annual salary:** 4000000 EUR

**Transfer price:** 15000000 EUR

[details](#)