

## Model the following scenarios:

### Person

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A person has a first name and a last name.

We wish to get the name in the format:

"[initial]. [last name]" -> for example "J. Doe"

Create a list of people.

### Company

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A Company has a name and a manager.

We wish to be able to get information about the company in the following format:

"Company Name: [Name]"

Manager: [initial]. [last name]"

For example:

"Company Name: IT Solutions"

Manager: J. Doe"

We should be able to access/get the manager and change the manager.

#### **Extension:**

A company should also have several employees.

You should be able to hire and bulk hire employees.

You should see the employee information when accessing the information about the company.

## Medal

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A medal has a color and a monetary value.

## Athlete

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An Athlete has:

- a collection of medals,
- a total amount of earnings,
- a record of whether they are a gold medallist, and
- how many gold medals they have earned.

Of course, all Athletes start out with no medals or earnings. When they receive a medal, their data is updated.