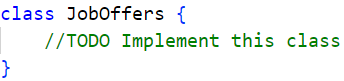
## Problem 2. Job Offers



Write a **class Job Offers**, which supports the described functionality below:

**Functionality**

**Constructor**

Should have these **3** properties:

* **employer - string**
* **position - string**
* **jobCandidates - empty array**

**At the initialization** of the **JobOffers** class, the **constructor** accepts the **employer** and **position.**

**Hint:** You can add more properties to help you finish the task.

### jobApplication(candidates)

This method adds people to the candidates list. The method takes **one argument**: **candidates (array of strings)**.

* **Every element** into this array is information about person in the format:

**"{name}-{education}-{yearsExperience}"**

* They are **separated** by slash symbol **"-"**. **Example**: ["**John Doe-Bachelor-10**"**,** "**Peter Parker-Master-5**"**,** "**Daniel Jones-** **Bachelor-18**"**…**]
* If the **name** of the current person is already present in **jobCandidates** array, update the old **yearsExperience only if** the current one is **higher**.
* Otherwise, should **add** the person, with properties: **{name, education, yearsExperience}** to the **jobCandidates array**.
* In **all cases**, you must **finally return a string** in the following format:

**"You successfully added candidates: {name1}, {name2}, …{name**N}**."**

**Note**: When returning the **string**, keep in mind that the different **names** of **persons** **must** be:

* **Unique** -for instance**:** 
  + **" You successfully added candidates: John Doe , Peter Parker , Daniel Jones "** - is a correctly returned string
  + **" You successfully added candidates: John Doe , Peter Parker , John Doe "** - is not a correctly returned string
* **Separated** by **comma** and **space (, )**

### jobOffer(chosenPerson)

With this method, employer can sign contracts with person from the candidates list. The method takes **one argument**: **chosenPerson (string)**.

* Тhe stringabout the selected player is in the format:

**"{name}-{minimalExperience}"**

* Check:
  + If the **name** of the current person is not present in **jobCandidates** array, an **error** with the following message should be **thrown**:

**"{name} is not in the candidates list!"**

* + If the **minimalExperience** selected by the employer for a given person **is more** than the value recorded in the array **jobCandidates**,an **error** with the following message should be **thrown**:

**"{name} does not have enough experience as {position}, minimum requirement is { minimalExpirience} years."**

* + Otherwise, if the above conditions are not met, you must replace **yearsExpirience** with the string "**hired**"
  + Finally, you need to **return** the string in the following format:

**"Welcome aboard, our newest employee is {name}."**

### salaryBonus(name)

With this method, we make sure that the candidates have proper **education** for the position. The method takes **one argument**:

* **name (string)**
* If the submitted **name** is not present in the **jobCandidates** array, an **error** with the following message should be **thrown**:

**"{name} is not in the candidates list !"**

* If the education recorded in the **jobCandidates** array is **Bachelor degree, return** the following message: **"{name} will sign a contract for {employer}, as {position} with a salary of $50,000 per year!"**
* If the education of the person is **Master degree**, **return** the following message:

**"{name} will sign a contract for {employer}, as {position} with a salary of $60,000 per year!"**

### candidatesDatabase()

This method checks if there are any candidates in the database, if not **throw:**

**"Candidate Database is empty!"**

* Otherwise, **returns** **all candidates**, The first line shows the following message:

**"Candidates list:"**

* On the new line, display information about each candidate sorted in **ascending** order of **name**:

**"{name}-{yearsExperience}"**

### Example

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| **Input 1** |
| let Jobs = new JobOffers ("Google", "Strategy Analyst");   console.log(Jobs.jobApplication(["John Doe-Bachelor-10", "Peter Parker-Master-5", "Daniel Jones- Bachelor-18"])); |

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| **Output 1** |
| You successfully added candidates: John Doe, Peter Parker, Daniel Jones. |

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| **Input 2** |
| let Jobs = new JobOffers ("Google", "Strategy Analyst");   console.log(Jobs.jobApplication(["John Doe-Bachelor-10", "Peter Parker-Master-5", "Daniel Jones- Bachelor-18"]));   console.log(Jobs.jobOffer("John Doe-8"));   console.log(Jobs.jobOffer("Peter Parker-4"));   console.log(Jobs.jobOffer("John Jones-8")); |

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| **Output 2** |
| You successfully added candidates: John Doe, Peter Parker, Daniel Jones.  Welcome aboard, our newest employee is John Doe.  Welcome aboard, our newest employee is Peter Parker.  Uncaught Error Error: John Jones is not in the candidates list! |

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| **Input 3** |
| let Jobs = new JobOffers ("Google", "Strategy Analyst");   console.log(Jobs.jobApplication(["John Doe-Bachelor-10", "Peter Parker-Master-5", "Daniel Jones- Bachelor-18"]));   console.log(Jobs.jobOffer("John Doe-8"));   console.log(Jobs.jobOffer("Peter Parker-4"));   console.log(Jobs.salaryBonus("John Doe"));   console.log(Jobs.salaryBonus("Peter Parker")); |

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| **Output 3** |
| You successfully added candidates: John Doe, Peter Parker, Daniel Jones.  Welcome aboard, our newest employee is John Doe.  Welcome aboard, our newest employee is Peter Parker.  John Doe will sign a contract for Google, as Strategy Analyst with a salary of $50,000 per year!  Peter Parker will sign a contract for Google, as Strategy Analyst with a salary of $60,000 per year! |

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| **Input 4** |
| let Jobs = new JobOffers ("Google", "Strategy Analyst");   console.log(Jobs.jobApplication(["John Doe-Bachelor-10", "Peter Parker-Master-5", "Daniel Jones- Bachelor-18"]));   console.log(Jobs.jobOffer("John Doe-8"));   console.log(Jobs.jobOffer("Peter Parker-4"));   console.log(Jobs.salaryBonus("John Doe"));   console.log(Jobs.candidatesDatabase()); |

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| **Output 4** |
| You successfully added candidates: John Doe, Peter Parker, Daniel Jones.  Welcome aboard, our newest employee is John Doe.  Welcome aboard, our newest employee is Peter Parker.  John Doe will sign a contract for Google, as Strategy Analyst with a salary of $50,000 per year!  Candidates list:  Daniel Jones-18  John Doe-hired  Peter Parker-hired |