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| **Job** |
| - int jobId;  - String jobName;  - double jobSalary; |
| + Job()  + Job(int jobId, String jobName, double jobSalary)  + getJobName(): String  + getGrossSalary (): String  + getFullInfo(): String  + reverseName():String  + checkName(): int |

Where:

* Job() - This is the default constructor for the Job class. It should initialize the jobId to 0, jobName to an empty string, and jobSalary to 0.0.
* Job(int jobId, String jobName, double jobSalary) - This is a parameterized constructor for the Job class. It sets the jobId, jobName, and jobSalary.
* getJobName(): String - This method should return the jobName in **lowercase** format.
* getGrossSalary(): String - This method should return the the gross salary. When the jobId is an even number, the gross salary should be the jobSalary increased by 10%. Conversely, if the jobId is odd, the gross salary should be equal to the jobSalary.
* getFullInfo(): String - this method returns a string that includes the jobName in uppercase and the jobSalary formatted to two decimal places. Follow on format:  
  ID: 1, Name: DOCTOR, Salary: 200.00
* reverseName():String - reverse the Name of the Job and return it.
* checkName():int - check if the character at the last position of a job name is a digit, and to return **1** if it is and **0** otherwise, you can use the following logic in many programming languages:

Do not format the result.

The program output might look something like this:

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| --- | --- |
| Enter id: 1  Enter name: Doctor  Enter salary: 200  1.Test getJobName()  2.Test getGrossSalary()  3.Test getFullInfo()  4.Test reverseName()  5.Test checkName()  Enter TC(1|2|3|4|5): 1  OUTPUT:  doctor | Enter id: 2  Enter name: Doctor  Enter salary: 200  1.Test getJobName()  2.Test getGrossSalary()  3.Test getFullInfo()  4.Test reverseName()  5.Test checkName()  Enter TC(1|2|3|4|5): 2  OUTPUT:  220.00 |
| Enter id: 1  Enter name: Doctor  Enter salary: 200  1.Test getJobName()  2.Test getGrossSalary()  3.Test getFullInfo()  4.Test reverseName()  5.Test checkName()  Enter TC(1|2|3|4|5): 2  OUTPUT:  200.00 | Enter id: 1  Enter name: Doctor  Enter salary: 200  1.Test getJobName()  2.Test getGrossSalary()  3.Test getFullInfo()  4.Test reverseName()  5.Test checkName()  Enter TC(1|2|3|4|5): 3  OUTPUT:  ID: 1, Name: DOCTOR, Salary: 200.00 |

|  |  |
| --- | --- |
| Enter id: 1  Enter name: Doctor  Enter salary: 200  1.Test getJobName()  2.Test getGrossSalary()  3.Test getFullInfo()  4.Test reverseName()  5.Test checkName()  Enter TC(1|2|3|4|5): 4  OUTPUT:  rotcoD | Enter id: 1  Enter name: Doctor  Enter salary: 200  1.Test getJobName()  2.Test getGrossSalary()  3.Test getFullInfo()  4.Test reverseName()  5.Test checkName()  Enter TC(1|2|3|4|5): 5  OUTPUT:  0 |
| Enter id: 1  Enter name: Doctor2  Enter salary: 200  1.Test getJobName()  2.Test getGrossSalary()  3.Test getFullInfo()  4.Test reverseName()  5.Test checkName()  Enter TC(1|2|3|4|5): 5  OUTPUT:  1 |  |