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| --- |
| Employee  <<Abstract>> |
| Insurance : double  Salary:double  Taxes:double  Rate:float  Work\_Hours:float  Overtime:float  Vacation:int |
| Get.Add()  Get.remove()  CalcSalary( Insurance : double, Taxes:double,  Rate:float, Work\_Hours:float, Overtime:float):double  CalcVacation(Vacation:int,Requested\_Vacation():int  No\_of\_retiree():int |

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| Person  <<Abstract>> |
| ID: int  Date\_of\_birth:string  Phone\_no: string  Address: String  Name: string |
| CalAge():string |

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| Customer(leaaf) |
| Orders:<list> orders  Balance: float  Order\_price: double |
| Discount\_rate(Orders<list>,order\_price,double):float  Add\_order()  Remove\_order() |

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| Orders(leaf) |
| Persused\_Items<list>: Items |
| Add\_item()  Remove\_item() |
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| Item |
| Selling\_price:float  Barcode\_No:String  Expire\_date:string  Production\_date:string  Amount:int  Cost:double  Feedback\_Status:string  PAO:int  Items:<list>items |
| calcExpireDate(Production\_date:string):string  GetFeedback(Feedback:String):void  Add\_item()  Remove\_item() |

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| Balance sheet |
| Totalcost:double  Total\_revenue:double  Net\_profit:double |
| Cal\_net\_profit():double |

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| Part-time(leaf) |
| No.ofprojects:int |
| Calsalary(no.ofprojects:int):double |

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| FULL time(leaf) |
|  |
| Calsalary():double |

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| Raw\_Matiral (leaf) |
| Raw\_material: <list>Raw\_material |
| Add\_raw\_material()  Remove\_raw\_material() |

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