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| **Serial No** | 1 |
| **Program description** | Create class Employee with department and salary. There is list of employees, write a java program to display top salaried employee in each department. |
| **Technologies to use** | JAVA |
| **Concepts to use** | JAVA Lambda Expression, Streams |
| **Validations required** | Get top salaried employee in each department |
| **Sample Input** | Employee List  Emp1 {CSE, 20000}, Emp2 {CSE, 30000}, Emp3 {IT, 20000}, Emp4 {EEE, 40000}, Emp5 {IT, 10000} |
| **Expected output** | CSE, 30000  IT, 20000  EEE, 40000 |

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| **Serial No** | 2 |
| **Program description** | Write a java program  to print all even elements in collection (EX: Array List ) using lambda expression  to create Functional interface to calculate square of a number (n\*n) and implement that interface using lambda expression |
| **Technologies to use** | JAVA |
| **Concepts to use** | JAVA Lambda Expression, Functional Interface |
| **Validations required** | Validate whether element is even or odd |
| **Sample Input** | Collection {2,45,67,33,24,88,94,356,77,12}  N = 5 |
| **Expected output** | Even numbers: 2,24,88,94,356,12  Square of a number: 25 |