## Java Internship Entrance Test - 30 minutes

### Fullname:………………………………… Date of birth:……………………...

1. Write a Java program to count the number of words ending in 'm' or 'n' (not case sensitive).

Sample Output

The given string is: man is in the room

The number of words ends eith m or n is: 3

2. Write a Java program to find all of the longest word in a given dictionary. Example-1:

{

"cat",

"flag",

"green",

"country",

"w3resource"

}

Result: "w3resource"

Example-2:

{

"cat",

"dog",

"red",

"is",

"am"

}

Result: "cat", "dog", "red"

3. Write a Java program to sort an array of given integers

4. Write a SQL statement to find the highest purchase amount on a date '2012-08-17' for each salesman with their ID

ord\_no purch\_amt ord\_date customer\_id salesman\_id

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70001 150.5 2012-10-05 3005 5002

70009 270.65 2012-09-10 3001 5005

70002 65.26 2012-10-05 3002 5001

70004 110.5 2012-08-17 3009 5003

70007 948.5 2012-09-10 3005 5002

70005 2400.6 2012-07-27 3007 5001

70008 5760 2012-09-10 3002 5001

70010 1983.43 2012-10-10 3004 5006

70003 2480.4 2012-10-10 3009 5003

70012 250.45 2012-06-27 3008 5002

70011 75.29 2012-08-17 3003 5007

70013 3045.6 2012-04-25 3002 5001