



Wisdom Sprouts

We Foster Knowledge Here

Bungalow Number 2, Behind D'Mart, near Karnataka Bank, Baner, Pune 411045

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## Exam Title

Hadoop Workshop Skill Test

## Duration

90 minutes

## Instructions

1. The candidate has to perform the examination in the Wisdom Sandbox.
2. For every problem statement, the candidate has to design a solution and paste the problem statement, screenshot of the solution and screenshot of the output in a text file. The candidate has to mail this text file to [helpdesk@wisdomsprouts.com](mailto:helpdesk@wisdomsprouts.com) along with his name, Department and College Details.
3. The candidate can refer the Lab Manuals for checking the syntaxes for the commands.
4. A solution can either correct or wrong. Partial results won't be considered for any problem statement.
5. The results will be declared within 3 working days after the completion of the examination.

## Problem Statements

1. Create a table called students in MySQL and load the above given data into it.
2. Using SQOOP load this data into a directory called as students in HDFS
3. Using data from students' directory, in PIG find all students having more than 40% marks.
4. Store the result in HDFS.
5. Using the result of step number 4, in HIVE find out the student with max percentage.



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## Data Set

roll_num	name	grade	marks_obtained	total_marks
1	ramesh	3	450	500
2	suresh	4	305	600
3	ram	5	422	500
4	shyam	5	150	200
5	jai	3	165	300
6	john	4	333	400
7	seema	2	145	500
8	reema	5	621	700
9	raina	4	196	300