

Name of the student:		Roll No.	
Practical Number:	7	Date of Practical:	
Relevant CO's	At the end of the course students will be able to apply appropriate algorithms for extracting knowledge from given dataset.		
Sign here to indicate that you have read all the relevant material provided before attempting this practical			Sign:

Practical grading using Rubrics

Indicator	Very Poor	Poor	Average	Good	Excellent
Timeline (2)	Practical not submitted (0)	More than two session late (0.5)	Two sessions late (1)	One session late (1.5)	Early or on time (2)
Code design (3)	N/A	Very poor code design(0)	poor design (1)	design with good coding standards (2)	Accurate Design with better coding standards(3)
Execution (3)	N/A	Very less execution (0)	little execution.(1)	Major execution(2)	Entire code execution (3)
Postlab (2)	Both answers wrong(0)	N/A	One answer correct (1)	N/A	Both answers correct (2)

Total Marks (10)	Sign of instructor with date

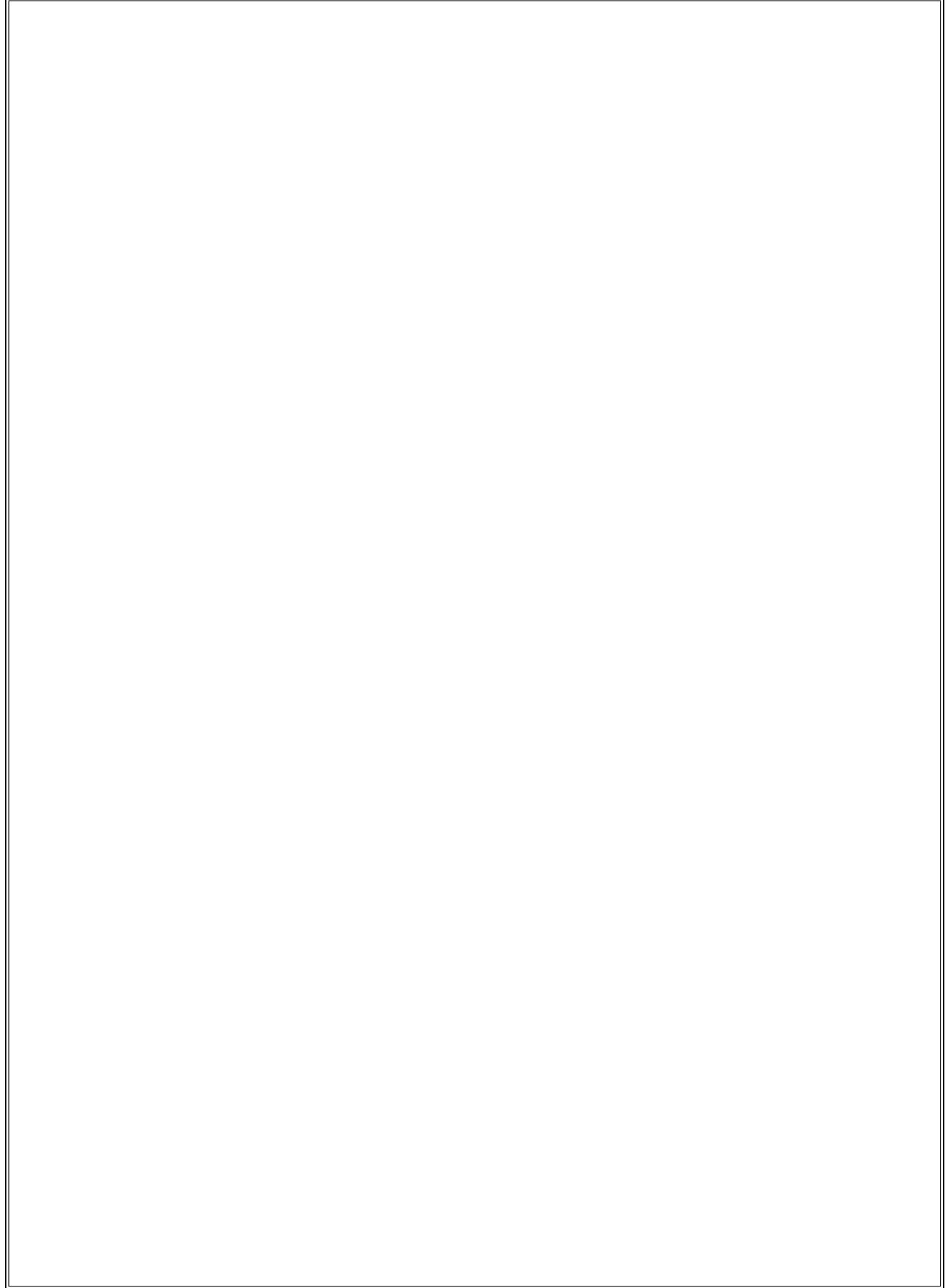
Practical

COURSE TITLE: BIG DATA ANALYTICS

COURSE TERM: 2019-2020

Problem Statement: To implement K-means algorithm using map-reduce.

Theory:



Code:

Write map-reduce code to implement k-means algorithm

code for mapper:**Code for Reducer:****Code for Driver Class:**

PostLab:

Explain DisCo algorithm of clustering

Answer for postlab question

Explain BoW algorithm of clustering

Answer for postlab question