

Assignment No.2

GOEL INSTITUTE OF TECHNOLOGY & MANAGEMENT, LUCKNOW		
(Affiliated to Dr. APJ Abdul Kalam Technical University, Lucknow)		
Assignment 2 - Even Semester (2022-23)		
Program: B. Tech (CSE)	Semester: 6 th	
Subject Code: KCS-061	Subject: Big Data	M.M. 10
Knowledge Level (KL)	KL1- Remembering	KL4- Analyzing
	KL2- Understanding	KL5- Evaluating
	KL3- Applying	KL6- Creating
Date of Assignment :26/03/2023	Date of submission : 03/03/2023	

1.	Describe the history of Hadoop?	CO2
2.	What is HDFS? Explain the working of HDFS?	CO2
3.	Describe briefly Hadoop Ecosystem?	CO2
4.	Differentiate Scale up and Scale out.	CO2
5.	Difference between Hadoop streaming and Hadoop Pipes ?	CO2
6.	Write a short note on Mapreduce ?	CO2
7.	Explain in details about MapReduce workflows?	CO2
8.	Describe the Architecture of HDFS?	CO2
9.	What are different types of input format in Hadoop?	CO2
10.	Write a short note on: Unit tests with MRUnit?	CO2