COMSATS University Islamabad, Lahore Campus

Assignment #4 – FALL 2019

Course Title:	Introduction to Data Science			Course Code:	CSC461	Credit Hours:	3
Course Instructor:	Dr. Hasan Jamal			Programme Name:		BCS	
Semester:	6th	Batch:	SP17	Section:	A & B	Date:	25/11/2019
Deadline:	29/11/2019			**Maximum Marks:**		**10**	

Important Instructions / Guidelines:

- Plagiarized assignment will not be accepted.
- Maximum three persons per group are allowed for submission.
- No late submission will be accepted.

Question: [Marks: 10]

Using the K-Means clustering algorithm, group the following 15 data points into 3 clusters. Show the working of the first four iterations.

15, 16, 19, 19, 20, 21, 22, 28, 35, 40, 42, 44, 60, 61, 65