



HW3–Clustering

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HW4-Clustering

- ▶ Please implement a clustering algorithm
- ▶ Input: given a node with two dimensional attributes X and Y
- ▶ Output: group these nodes into several clusters. The format is **X Y ClusterID**
- ▶ Example
 - Input 2 3 (X=2, Y=3)
 - Output 2 3 1 (X=2 Y=3 ClusterID=1)

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- ▶ In your program, do not only show the results on the screen. Please output results in a output file
- ▶ Please upload your **code**, **executable**, and **output result**
 - If you use C/C++, JAVA, or Python, you do not need to upload the executable

Test data

- ▶ There are five test data in the attachments
 - Each row is a data point with x and y value
- ▶ Hint:
 - Test1–3 should be clustered to 4 clusters