Name: Joudy El Gayar

ID: 900222142

Assignment 2 output

Those are two different outputs:

1st:

```
Joudys-MacBook-Air:~ joudy$ cd "/Users/joudy/Desktop/SEMESTER 2 /CS2/ASSIGNMENTS /
   Cluster B is the closet to the point.
   The coordinates (x,y) are ( 22.7538 , 93.2267 )
   Cluster A is the closet to the point.
   The coordinates (x,y) are ( 70.4978 , 62.023 )
   Cluster A is the closet to the point.
   The coordinates (x,y) are ( 30.3474 , 38.6818 )
   Cluster A is the closet to the point.
   The coordinates (x,y) are ( 85.0329 , 12.2505 )
   Cluster B is the closet to the point.
   The coordinates (x,y) are (74.6372, 92.229)
Cluster A is the closet to the point.
The coordinates (x,y) are (22.5289, 18.0201)
Cluster A is the closet to the point.
The coordinates (x,y) are (48.273, 69.845)
   The coordinates (x,y) are ( 48.273 , 69.845 )
   Cluster A is the closet to the point.
   The coordinates (x,y) are ( 15.2434 , 26.4258 )
   Cluster A is the closet to the point.
   The coordinates (x,y) are ( 57.8777 , 90.3935 )
   Cluster A is the closet to the point.
   The coordinates (x,y) are ( 48.579 , 81.5247 )
   Cluster A is the closet to the point.
   The coordinates (x,y) are ( 44.9207 , 62.6613 )
   Cluster A is the closet to the point.
   The coordinates (x,y) are ( 23.8023 , 44.7588 )
   Cluster B is the closet to the point.
   The coordinates (x,y) are ( 95.574 , 96.8811 )
   Cluster A is the closet to the point.
   The coordinates (x,y) are ( 25.4376 , 74.3185 )
   Cluster A is the closet to the point.
   The coordinates (x,y) are (55.5478, 71.0546)
Cluster A is the closet to the point.
The coordinates (x,y) are (14.2902, 60.0616)
Cluster A is the closet to the point.
   The coordinates (x,y) are ( 29.9471 , 55.1936 ) Cluster A is the closet to the point.
   The coordinates (x,y) are ( 7.9529 , 44.4176 )
   Cluster A is the closet to the point.
   The coordinates (x,y) are ( 61.6777 , 21.6977 )
   Cluster A is the closet to the point.
   The coordinates (x,y) are ( 12.8347 , 13.1013 )
Joudys-MacBook-Air:ASSIGNMENTS joudy$
```

```
Joudys-MacBook-Air:~ joudy$ cd "/Users/joudy/Deskto
  Cluster B is the closet to the point.
  The coordinates (x,y) are ( 22.7538 , 93.2267 )
  Cluster A is the closet to the point.
  The coordinates (x,y) are ( 70.4978 , 62.023 )
  Cluster A is the closet to the point.
  The coordinates (x,y) are ( 30.3474 , 38.6818 )
  Cluster A is the closet to the point.
  The coordinates (x,y) are (85.0329, 12.2505)
  Cluster B is the closet to the point.
  The coordinates (x,y) are (74.6372, 92.229)
  Cluster A is the closet to the point.
  The coordinates (x,y) are ( 22.5289 , 18.0201 )
  Cluster A is the closet to the point.
  The coordinates (x,y) are (48.273, 69.845)
  Cluster A is the closet to the point.
  The coordinates (x,y) are (15.2434, 26.4258)
  Cluster A is the closet to the point.
  The coordinates (x,y) are (57.8777, 90.3935)
  Cluster A is the closet to the point.
  The coordinates (x,y) are ( 48.579 , 81.5247 )
  Cluster A is the closet to the point.
  The coordinates (x,y) are (44.9207, 62.6613)
  Cluster A is the closet to the point.
  The coordinates (x,y) are ( 23.8023 , 44.7588 )
  Cluster B is the closet to the point.
  The coordinates (x,y) are ( 95.574 , 96.8811 )
  Cluster A is the closet to the point.
  The coordinates (x,y) are ( 25.4376 , 74.3185 )
  Cluster A is the closet to the point.
  The coordinates (x,y) are (55.5478, 71.0546)
  Cluster A is the closet to the point.
  The coordinates (x,y) are ( 14.2902 , 60.0616 )
  Cluster A is the closet to the point.
  The coordinates (x,y) are ( 29.9471 , 55.1936 )
  Cluster A is the closet to the point.
  The coordinates (x,y) are (7.9529, 44.4176)
  Cluster A is the closet to the point.
  The coordinates (x,y) are ( 61.6777 , 21.6977 )
  Cluster A is the closet to the point.
  The coordinates (x,y) are ( 12.8347 , 13.1013 )
Joudys-MacBook-Air:ASSIGNMENTS joudy$
```