

# Report

## Run 1

```
Microsoft Visual Studio Debug Console
Enter size of cluster A, B and number of random points
200
200
20

Point number 1 is closer to cluster A
Point number 2 is closer to cluster B
Point number 3 is closer to cluster A
Point number 4 is closer to cluster B
Point number 5 is closer to cluster B
Point number 6 is closer to cluster A
Point number 7 is closer to cluster A
Point number 8 is closer to cluster B
Point number 9 is closer to cluster B
Point number 10 is closer to cluster A
Point number 11 is closer to cluster B
Point number 12 is closer to cluster A
Point number 13 is closer to cluster B
Point number 14 is closer to cluster A
Point number 15 is closer to cluster B
Point number 16 is closer to cluster A
Point number 17 is closer to cluster A
Point number 18 is closer to cluster B
Point number 19 is closer to cluster B
Point number 20 is closer to cluster A

C:\Users\malek\OneDrive\Desktop\AUC\CS II\Assignments\Assignment 2\Assignmentt 2\HW2\Debug\HW2.exe (process 21104) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
Press any key to close this window . . .
```

# Report

## Run 2

```
Microsoft Visual Studio Debug Console
Enter size of cluster A, B and number of random points
200
200
20

Point number 1 is closer to cluster B
Point number 2 is closer to cluster B
Point number 3 is closer to cluster B
Point number 4 is closer to cluster A
Point number 5 is closer to cluster B
Point number 6 is closer to cluster A
Point number 7 is closer to cluster B
Point number 8 is closer to cluster A
Point number 9 is closer to cluster B
Point number 10 is closer to cluster A
Point number 11 is closer to cluster A
Point number 12 is closer to cluster B
Point number 13 is closer to cluster B
Point number 14 is closer to cluster A
Point number 15 is closer to cluster A
Point number 16 is closer to cluster A
Point number 17 is closer to cluster B
Point number 18 is closer to cluster A
Point number 19 is closer to cluster B
Point number 20 is closer to cluster B

C:\Users\malek\OneDrive\Desktop\AUC\CS II\Assignments\Assignment 2\Assignmentt 2\HW2\64\Debug\HW2.exe (process 2988) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
Press any key to close this window . . .
```