```
Microsoft Visual Studio Debug Console

enter cluster A & B size
200
enter how many points you want to try
20
index: 1
point p belongs to A
index: 2
point p belongs to A
index: 3
point p belongs to A
index: 4
point p belongs to B
index: 5
point p belongs to A
index: 6
point p belongs to A
index: 7
point p belongs to B
index: 8
point p belongs to A
index: 9
point p belongs to B
index: 10
point p belongs to B
index: 11
point p belongs to B
index: 12
point p belongs to B
index: 13
point p belongs to B
index: 14
point p belongs to B
index: 15
point p belongs to B
index: 16
point p belongs to B
index: 17
point p belongs to B
index: 18
point p belongs to A
index: 19
point p belongs to A
index: 20
point p belongs to B

C:\Users\Hp\Desktop\CS 1\ConsoleApplication40\x64\Debug\ConsoleApplication40.exe (process 17336) exited with code 0.
Press any key to close this window . . .
```

```
Microsoft Visual Studio Debug Console

enter cluster A & B size
200
enter how many points you want to try
20
index: 1
point p belongs to B
index: 2
point p belongs to A
index: 3
point p belongs to B
index: 4
point p belongs to B
index: 5
point p belongs to A
index: 6
point p belongs to A
index: 7
point p belongs to B
index: 8
point p belongs to B
index: 9
point p belongs to B
index: 10
point p belongs to A
index: 11
point p belongs to A
index: 12
point p belongs to B
index: 13
point p belongs to B
index: 14
point p belongs to A
index: 15
point p belongs to A
index: 16
point p belongs to B
index: 17
point p belongs to B
index: 18
point p belongs to A
index: 19
point p belongs to B
index: 20
point p belongs to B

C:\Users\Hp\Desktop\CS 1\ConsoleApplication40\x64\Debug\ConsoleApplication40.exe (process 13728) exited with code 0.
Press any key to close this window . . .
```