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1 /Users/khalidkhan/Workspace/CPP/rubricProject/cmake-build-debug/rubricProject
2 Enter the mean of the normal distribution: 100
3 Enter the standard deviation of the normal distribution: 9
4 Enter the number of samples for Normal distribution: 50000
5 Enter the number of bins for Normal distribution: 9
6
7          *
8          *
9          *
10         *
11        * * *
12        * * *
13        * * *
14        * * *
15      64    73    82    91    100    109    118    127    136
16
17 Enter the lower bound of the uniform distribution: 0
18 Enter the upper bound of the uniform distribution: 100
19 Enter the number of samples for Uniform distribution: 50000
20 Enter the number of bins for Uniform distribution: 20
21
22          *
23          *
24          * * * * * * * * * *
25          * * * * * * * * * *
26          * * * * * * * * * *
27          * * * * * * * * * *
28          * * * * * * * * * *
29          * * * * * * * * * *
30          0    5.3    10.5    15.8    21.1    26.3    31.6    36.8    42.1    47.4    52.6    57.9    63.2    68.4    73.7    78.9    84.2    89.5    94.7    100
31 2
32 Enter number of members per group:
33 3
34 Students in Group 0 are not assigned to any group yet
35
36 Initial grouping of students:
37
38 -----
39
40 Section 1
41 Group 0
42 Lucas    Marie    Mia    Alice    Bob    Charlie    Daisy    Edward
43 Group 1
44 Khalid    Jaylene    Diya
45 Group 2
46 Hilary    Khaliesi    Sara
47 Group 3
48 Dat
49 Group 4
50 Sam    Elena    Miguel
51 Group 5
52 Leo    Zack
53
54 Section 2
55 Group 0
56 Noah    Isabella    William    Fiona    George    Hannah
57 Group 1
58 Rene    Emma    Oliver
59 Group 2
60 Liam    Ava
61 Group 3
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62 Benjamin    Sophia
63 Group 4
64 Charlotte   Amelia
65 Group 5
66 Elijah      Harper      James
67
68 Final grouping of students:
69
70 -----
71
72 Section 1
73 Group 0
74
75 Group 1
76 Khalid      Jaylene    Diya
77 Group 2
78 Hilary      Khaliesi   Sara
79 Group 3
80 Dat         Mia        Marie
81 Group 4
82 Sam         Elena      Miguel
83 Group 5
84 Leo         Zack
85 Group 6
86 Edward      Lucas      Daisy
87 Group 7
88 Bob         Alice      Charlie
89
90 Section 2
91 Group 0
92
93 Group 1
94 Rene        Emma       Oliver
95 Group 2
96 Liam        Ava        William
97 Group 3
98 Benjamin    Sophia    Isabella
99 Group 4
100 Charlotte   Amelia     Fiona
101 Group 5
102 Elijah      Harper     James
103 Group 6
104 Hannah      George     Noah
105
106 Test for generateNormalDistributionRandomNumbers PASSED.
107 Test for generateUniformDistributionRandomNumbers PASSED.
108 Test PASSED: Students correctly grouped.
109
110 Process finished with exit code 0
111
```