

```
1 /mnt/c/Users/Administrator/CLionProjects/untitled4/cmake-build-  
  debug/untitled4  
2 다섯 자리 수를 입력하시오: 98765  
3 98765  
4 9, 8, 7, 6, 5  
5 Process finished with exit code 0  
6
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1 /mnt/c/Users/Administrator/CLionProjects/untitled3/cmake-build-
  debug/untitled3
2 정수 n개를 입력하시오: 5720 7126 6471 3719 4634 9787 494 3121
  8336 7758 4527 5212 4574 2241 2549 5510 7611 4570 857 1292 4287
  6124 5302 646 2367 6666 8099 9879 334 9535 8106 9897 2151 3375
  779 7663 8819 6914 5794 2046 3266 5732 541 1613 446 4219 5176
  3369 385 8274 7543 8465 8993 9833 4063 431 9668 960 1714 6223 826
  5843 4992 1082 6190 6657 4643 621 3933 9680 7436 7056 5119 8893
  7699 2036 6820 9350 7477 9484 2670 801 3150 7611 7389 3659 9803
  8513 7882 4229 2623 893 7347 969 1429 8704 5301 2368 6577 5609
  2184 4209 8106 3470 7196 2060 2949 2843 6385 9661 5282 5766 2020
  6035 6893 1906 9229 4927 9637 4108 3381 860 7604 8804 7300 3550
  8090 182 1674 246 5748 1183 8335 2806 8513 8547 3303 7816 3266
  3912 6584 955 2705 8316 5110 3458 3607 6904 8731 5955 138 7822
  7755 3266 6427 5806 8987 2967 5008 9244 3609 9906 9145 9031 7988
  3678 7665 3967 9777 3661 6301 6457 1807 743 1509 4749 1467 7231
  9464 8396 630 9532 484 3570 8078 6887 4021 968 3326 2266 993 1166
  3413 1862 2780 1158 6392 6420 5555 9137 3631 3589 7936 6763 2023
  8278 6769 733 903 9510 2623 12 4826 7941 3026 4355 2082 4543
  1185 3605 3553 3608 5949 5719 4819 6996 5819 8280 9313 3681 8451
  5627 345 7170 8954 4440 7759 5113 6458 4213 4902 4526 8788 1574
  2380 5870 8301 8260 814 3656 1355 4131 8151 573 8645 4853 871
  3862 1811 9962 7983 7839 3692 1306 2756 8317 3175 8571 6232 6205
  2921 2006 9130 9683 4207 5008 8403 5678 9864 7754 7857 3068 7339
  2381 6276 8524 1026 8714 3253 7332 4177 7839 4869 689 9021 7553
  6114 3162 2811 7718 4082 8327 6515 9829 8174 379 831 2589 2252
  5775 2237 7755 2904 6562 6029 5571 1417 4587 9244 6504 9026 5016
  4935 348 4062 1511 4969 4288 7878 5115 8513 6128 4421 2085 2387
  6615 9057 3457 4599 7517 9601 8376 2783 594 5026 9459 1413 4311
  1759 5158 1683 5154 8178 5383 4690 6755 6672 4542 6127 7336 7729
  2269 4474 5013 8619 2614 4314 3028 2559 9224 3514 2630 8723 9559
  7964 314 1861 9404 7582 9973 5552 9434 8128 3493 2341 9983 5662
  3940 8088 548 4097 298 7992 5561 1682 8339 4635 7472 380 9789
  6571 5022 9860 9765 4409 5447 3994 755 3654 8809 846 5992 6745
  5487 7081 5399 6736 1225 7777 9332 2042 6121 5574 2107 6278 5851
  7599 7202 2743 8298 5973 2256 7554 7206 8869 8358 2836 4049 8178
  4456 8061 6350 7394 3147 5258 3063 555 9249 4810 1503 5740 706
  5187 1051 8242 5020 5647 4837 4116 5093 8829 2010 881 5782 1935
  3739 2215 1281 3483 7780 5494 6831 1289 5847 678 9668 1951 3032
  249 5105 8888 1504 8570 3574 8933 7602 2849 166 1916 6032 6131
  4131 5071 5794 829 649 9822 2498 8654 1260
3 5720 7126 6471 3719 4634 9787 494 3121 8336 7758 4527 5212 4574
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  2046 3266 5732 541 1613 446 4219 5176 3369 385 8274 7543 8465
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  6657 4643 621 3933 9680 7436 7056 5119 8893 7699 2036 6820 9350

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3 7477 9484 2670 801 3150 7611 7389 3659 9803 8513 7882 4229 2623
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 5748 1183 8335 2806 8513 8547 3303 7816 3266 3912 6584 955 2705
 8316 5110 3458 3607 6904 8731 5955 138 7822 7755 3266 6427 5806
 8987 2967 5008 9244 3609 9906 9145 9031 7988 3678 7665 3967 9777
 3661 6301 6457 1807 743 1509 4749 1467 7231 9464 8396 630 9532
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 8954 4440 7759 5113 6458 4213 4902 4526 8788 1574 2380 5870 8301
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 1511 4969 4288 7878 5115 8513 6128 4421 2085 2387 6615 9057 3457
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 4097 298 7992 5561 1682 8339 4635 7472 380 9789 6571 5022 9860
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 7394 3147 5258 3063 555 9249 4810 1503 5740 706 5187 1051 8242
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 1504 8570 3574 8933 7602 2849 166 1916 6032 6131 4131 5071 5794
 829 649 9822 2498 8654 1260

4 가장 작은 수는 12입니다.

5 입력된 정수의 개수: 500

6 중간 값 빠른 정렬(Median of three QuickSort) 결과:

7 [12, 138, 166, 182, 246, 249, 298, 314, 334, 345, 348, 379, 380,
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, 9864, 9879, 9897, 9906, 9962, 9973, 9983]

8

9 Process finished with exit code 0

10

```
1 /mnt/c/Users/Administrator/CLionProjects/untitled4/cmake-build-  
  debug/untitled4  
2 첫 번째 점의 위치(x, y): 1 2  
3 1 2  
4 두 번째 점의 위치(x, y): 3 4  
5 3 4  
6 두 점 사이의 거리는 2.828427입니다.  
7 Process finished with exit code 0  
8
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```
1 /mnt/c/Users/Administrator/CLionProjects/untitled4/cmake-build-  
  debug/untitled4  
2 수를 입력하시오: 6  
3 6  
4 246.000000  
5 Process finished with exit code 0  
6
```

```
1 /mnt/c/Users/Administrator/CLionProjects/untitled4/cmake-build-  
  debug/untitled4  
2 두 수를 입력하시오: 6 3  
3 6 3  
4 1.800000  
5 Process finished with exit code 0  
6
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