**Assignment to check technical approach**

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A C++ application to implement visual representation of sorting algorithms

Description: Use a graphics library (like graphics.h) to show the real time sorting of randomly generated numbers. Generate random numbers sample space (say 1000 numbers) and perform sorting using different sorting algorithms. The end result should look something like this video. <https://www.youtube.com/watch?v=kPRA0W1kECg&t=1s>

Host the code online as a public repository (eg on github) and provide the link. Screen record the working of the application and provide a link.

The code must be modular and usage of classes, STL, structures are recommended.

(Time line : Minimum 3 days)

**Submission will be at 7:00 PM of 3rd day.**