 Pre class => <https://youtu.be/z8e5O32PI2k>

Redis

Many times in your professional career you will encounter situations where you will be serving the same static output from the database to the users and still database will be working every time to give you that answer and when working on backend, database is the biggest cause of slow performance so you should try to eliminate it by using a key value store to serve this static data which is saved as 1 key and 1 value .. So you will say great .. lets use Mongo as it is key value store but Mongo is not built for such caching needs .. Redis is built for such use cases and is inMemory and returns the data much faster than mongo so redis can be used in this case.

Redis was not supported for Windows but I found a link on youtube which can help you setup Redis on Windows 10 [Install Redis on Windows (Links to an external site.)](https://www.youtube.com/watch?v=188Fy-oCw4w)

 or if you have docker installed on your computer then you can run the following command docker container run --name myredis -p 6379:6379 -d redis. Redis is a technology and not a tool so it is quite vast and we have just touched the surface but this will satisfy at least 60 - 70% of your needs. Redis can also be used for queuing but this is outside the scope and there are some dedicated queue providers available but I like Redis queues.

That being said let uss check in code a few super fun examples.