1. Explain the Features of oracle database system.

Oracle is a product from Oracle Corporation that provides a relational database management system. RDBMS supports any kind of data model. It has different product editions, including Standard Edition, Enterprise Edition, Express Edition, and Personal Edition. The products are scalable and secure, with high-performance ability.

Its database is also known as Oracle. It is a multi-model relational database management system mainly designed for enterprise [**grid computing**](https://www.educba.com/what-is-grid-computing/) and data warehousing.

It has several features:

* **Scalability and Performance:** Features like Real Application Clustering and Portability make a database scalable according to its usage. In a multiuser database, it is required to control data consistency and concurrency, which Oracle contemplates.
* **Availability:** Real-time applications require high data availability. High-performing computing environments are configured to provide all-time data availability. Data is available during the time of planned or unplanned downtimes and failures.
* **Backup and Recovery:** Its layout has complete recovery features to recover data from almost all failures. In the event of a failure, the system must swiftly recover the database to ensure high availability. The unaffected portions of data remain accessible while the affected ones undergo recovery.
* **Security:** Securing the data is always the top priority. It provides mechanisms to control data access and usage. Implementing authorization and editing, user actions can prevent unauthorized access and allow distinct access to the users.