# C++ 101

- General Purpose Programming Language

- Appeared in 1985; created by Bjarne Stroustrup

- Standardized in 1998; follow up standards in '03, '11, '14, '17, '20, etc.

- Multiple paradigms: object oriented, generic, functional, procedural, etc

- Compilers: Oracle C++, Visual C++, GCC, Intel C++, Digital Mars, Cfront

- Designed with performance, efficiency and flexibility in mind

- Widely used in systems programming and embedded environments

- Desktop applications, video games, servers, performance critical apps

- C++ is not C, not even a superset of C