

Casting Solutions

Casting

- What are the four different types of cast in C++? Briefly state what each one does
- For each type of cast, write a simple program to demonstrate its use
 - `static_cast`
 - Converts an expression to a different type
 - `const_cast`
 - Converts a const expression to the non-const equivalent
 - `reinterpret_cast`
 - Converts data in a buffer to untyped binary data
 - `dynamic_cast`
 - Converts pointer to base class object to pointer to derived