

# Numeric Types and Literals Solutions

# Integers

- List the four main integer types in C++11
  - char
  - int
  - long
  - long long
- Write a program which displays the number of bytes each type occupies in memory

# Fixed-width integers

- Write a program which displays the number of bytes each fixed-width integer type occupies in memory

# Numeric Literals

- Write a program that creates literals in the following bases and prints them out
  - Decimal
  - Hexadecimal
  - Octal
  - Binary

# Digit Separator in Numeric Literals

- Write a program that uses numeric literals with a digit separator and prints them out