

CMPU-224 Lab 2 Quiz Practice

Spring 2025

1. Write the URL for the class website: `https://`_____

2. Convert the decimal (base-10) integer 27 to binary: _____

3. Convert the unsigned binary (base-2) integer 1001011 to decimal: _____

4. Convert the binary integer 101011001001 to hexadecimal (base-16): _____

5. Convert the hexadecimal integer 0xD2B6 to binary: _____

6. Convert the decimal integer -42 to a 8-bit sign and magnitude number.

Give your answer in **hexadecimal**: _____

7. Convert the decimal integer -42 to a 8-bit one's complement number.

Give your answer in **hexadecimal**: _____

8. Convert the decimal integer -42 to a 8-bit two's complement number.

Give your answer in **hexadecimal**: _____

9. Convert the unsigned base-4 number 1032_4 to a decimal number: _____

10. What is the smallest (most negative) 8-bit two's complement number?

Give your answer in **hexadecimal**: _____