

Computer Science (HL).

1. How many bits in 67 KB?
2. Transfer number AF3 from hexadecimal numeral system to binary.
3. Transfer number 10110110101 from binary to decimal numeral system.
4. Draw table of truth for expression: not (A or C) and (B xor C) or not A.
5. Which color is encoded as #DFDE00 in RGB system?
6. Encode green color in RGB system using hexadecimal code.
7. Write program which solves simple quadratic equation $x^2 = a$. As an input you are given number **a**.
8. Write a program which sorts array of integers. You are allowed to use any sorting algorithm.