

1 Convert the following decimal numbers to hexadecimal:

1a 8 0x8

1b 65 0x41

1c 100 0x64

1d 164 0xA4

2 Convert the following hexadecimal numbers to binary:

2a 0x82 1000 0010

2b 0xffff 1111 1111 1111 1111

2c 0xbadbeef 1011 1010 1101 1011 1110 1100 1111

2d 0xfeedf00d 1111 1110 1110 1101 1111 0000 0000 1101

3 Find the two's complement of the following 4-byte hex numbers

3a 0xffffffff 0x00000001

3b 0x00000000 0x00000000

3c 0x80000000 0x7fffffff

3d 0xfeedfood 0x01120ff2