

Jacob Hoopes

Binary & C
Evaluation Assignment

Systems

1. (a) 01011101_2

(b) $D7_{16}$

(c) 197_{10}

(d) $5A_{16}$

(e) 49483_{10}

(f) 0101101001101101_2

2.

$$\begin{array}{r} 111 \\ 10111001 \\ + 00111100 \\ \hline 11110101 \end{array}$$

3.

$$\begin{array}{r} 1111 \\ 110100 \\ 00000000 \\ 110100000 \\ 1101000000 \\ + 00000000000000 \\ \hline 10101001000 \end{array}$$

4.

X	Y	Z	F
1	1	1	1
1	1	0	0
1	0	1	0
1	0	0	1
0	1	1	0
0	1	0	0
0	0	1	1
0	0	0	1