

Tutorial - IEEE 754 Standard

QUESTION 1

1. What is the IEEE 754 representation (using 8 hexadecimal characters) of the decimal number 25.25? **Do not use capital letters in your answer.**

5 points

QUESTION 2

1. What is the IEEE 754 representation (using 8 hexadecimal characters) of the signed decimal number -19.75? **Do not use capital letters in your answer.**

5 points

QUESTION 3

1. What is the denary equivalent of the IEEE 754 representation C2B00000?

5 points

QUESTION 4

1. What is the denary equivalent of the IEEE 754 representation C2BC0000?

5 points

QUESTION 5

1. The denary value of the IEEE 754 format 43F8000 is +63.75. Is this true or false?

- ☐ True
- ☐ False