

Assignment 3.4 - Floating Point

23/10/2024

Missing **0/20 Points**

Attempt 1



Review Feedback

Offline Score:

0/20

Add Comment

Anonymous Grading: **no**

Unlimited Attempts Allowed

Details

Complete the following exercises from the reference book. Chapter 3. Exercises.

a. 3.22.

What decimal number does the bit pattern 0x0C000000 represent if it is a floating point number? Use the IEEE 754 standard.

b. 3.23.

Write down the binary representation of the decimal number 63.25 assuming the IEEE 754 single precision format.

c. 3.24

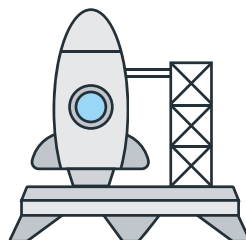
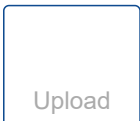
Write down the binary representation of the decimal number 63.25 assuming the IEEE 754 double precision format.

Show your work and submit your answers in a PDF or DOC document.

Resources:


[Chapter 3. Hau Moy Kwan. Salt Lake Community College. \(https://slcc.instructure.com/courses/1004604/pages/chapter-3-hau-moy-kwan-salt-lake-community-college\)](https://slcc.instructure.com/courses/1004604/pages/chapter-3-hau-moy-kwan-salt-lake-community-college)


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