CS180

Test 8 – 8 December 2019

1. Convert decimal number 0 – 15 to binary number or hex number
2. Create a structure and draw a picture of how it works, then use it to create the vectors and push back to the vectors.
3. Here is two structs:

Database database1{“I”, “wanna”, “get”, 100, “pass”, “final”, 180.0};

Database database2;

Now copy database1 to the database2 just use a single statement.

1. Compares whether the elements of two structures in the question 14 are equal or not.
2. Write a fragment of the code that can print the struct below

Database database1{“I”, “wanna”, “get”, 100, “pass”, “final”, 180.0};

1. add 0x518 + 0xe9
2. subtract 0x4a6 − 0x1bf
3. Write the ASCII encoding list. (from the smallest to the biggest)
4. Write a fragment of code that can open a binary file with input and output mode.
5. Write a fragment of code that can write structure below to a binary file.

Record record{42342345, 23423434, 6757}

1. Write a fragment of code that can actually “convert” a C++ string to a C-string: