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CS3363

HW 6

2) Decimal values are design to be accurate to given number of decimal places. Because of this, decimal takes more memory than binary representation because decimal values must be represented by using at least 4 -bits per digit in the decimal number. However, it takes only 20 bits to store the same number in binary.

7) The operator → combines the features of dereferencing and field referencing. There are two ways of referring a field in a record using pointers. A pointer can be re-assigned any number of times while a reference can not be reassigned after initialization. A pointer can point to NULL while reference can never point to NULL. You can’t take the address of a reference like you can with pointers. There’s no “reference arithmetics”.

9)