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CSC 125

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Project 3 design notes

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| Class Fraction | |
| What does it know? | What does it do? |
| Int numerator  Int denominator | Create Fraction – Constructor  Delete Fraction – Destructor  Set Fraction  Check the denominator is zero or not  Get numerator – return the number of the numerator  Get denominator – return the number of the denominator  Print out the Faction  Overloaded operator + - \* / << |
| Class Vector | |
| What does it know? | What does it do? |
| Int size (size of the dynamic vector)  Point of vector for float type | Create vector – Constructor(set size, allocate the memory to the dynamic vector)  Delete vector – destructor(recycle the memory for the dynamic vector)  Initialize the object (size=0, point to NULL)  Get the current size of the dynamic vector  Set specific value to specific position of the dynamic vector  Get value from the specific position of the dynamic vector  Overloaded operator + - \* / << =  Overloaded copy constructor |