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| I started out by creating a class called CustomException that is used for throwing exceptions. The class created is common across the industry, very easy to develop and simple to implement. The second TODO which asks for a standard exception I used the bad\_exeception(), On the third TODO I simply passed the exception with a variable name into the catch statement and then outputted the what method to show the exception. The fourth TODO I perform a throw CustomException which returns a custom statement for the exception. The fifth TODO is a little different because logic had to be setup so if the denominator is zero it will throw a runtime\_error. Finally, on the sixth and final TODO I pretty much mimicked the fourth TODO. |
| Inside main I created a try/catch which contains 3 catch statements. The first one is the CustomException which is used to output the custom message. The second catch statement uses a standard exceptions and outputs that exception. The final catch statement is used to catch uncaught exceptions and outputs a message of “Uncaught Exceptions”. |
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