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CS-203: Intro to Computer Science

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CS HW#9 Overview: Survey

Our idea and goal for this homework is to create a program that allows the user to create a survey. The survey will include varying types of questions such as long answer, short answer, and multiple choice. The program will include three primary classes: the main class, the survey class, and the question class. The main class will be used to test the latter classes through use of a main method, allowing users to create their own survey with varying questions. It will take in parameters from the user such as how many questions they would like to ask and the name of the survey itself. It will then proceed to carry out the survey for the user. The survey class stores the questions the user would like in the survey and initiate the survey itself using its startSurvey() method.

Our question class will be the parent class for types of questions and will implement our interface Display(subject to change, but for right now has one method: displayQuestion() method). It will take in four parameters: name, id, questionText, and responses. Various sub classes will extend this parent class if more specific parameters are needed(shown on UML diagram).