<<interface>> <<interface>> Katie Davenport Question Questionnaire CS 5004 – Homework 5: + getPrompt(): String + addQuestion(String identifier, Question q): void 1 ... * + isRequired(): boolean **UML** Questions in a + removeQuestion(String identifier): void + answer(String): void + getQuestion(int num): Question Questionnaire + getAnswer(): String + getQuestion(String identifier): Question + copy(): Question + getRequiredQuestions(): List<Question> + getOptionalQuestions(): List<Question> + isComplete(): boolean + getResponses(): List<String> + filter(Predicate<Question> pg): Questionnaire AbstractQuestion + sort(Comparator<Question> comp): void + fold(BiFunction<Question, R, R> bf, R seed): <R> R prompt: String + toString(): String isRequired: boolean + getPrompt(): String + isRequired(): boolean + getAnswer(): String + equals(Object o): Boolean QuestionnaireImpl + hashCode(): int identifier: String + toString(): String a: Question questionList: Map<String, Question> Likert + getQuestionHash(): Map<String, Question> ShortAnswer + answer(String answer): void + addQuestion(String identifier, Question q): void + copy(): Likert + answer(String answer): void + removeQuestion(String identifier): void + copy(): ShortAnswer + getQuestion(int num): Question + getQuestion(String identifier): Question + getRequiredQuestions(): List<Question> YesNo + getOptionalQuestions(): List<Question> <<enumeration>> + isComplete(): boolean no = "no" LikertResponseOption + getResponses(): List<String> yes = "yes" - txt: String + filter(Predicate<Question>pg): Questionnaire + sort(Comparator<Question> comp): void + answer (String answer): void + getText(): String + fold(BiFunction<Question, R, R> bf, R seed): <R> R + copy(): YesNo + toString(): String