package: report «AbstractClass» ReportAbstract «Interface» reportFile: File ReportGenerator costsMap: Map<?,?> + captureChoice(scanner:Scanner):boolean + getters and setters for fields + generateReport():boolean + createFile(): boolean Responsibilities + abstract popMap(srcFile:File, -- Generates an appropriate report based on attributefactor: String, a particular choice by the user. attributecost : String): boolean + abstract popFile(attributefactor: String, attributecost : String): boolean package: period + abstract generateReport(srcFile:File, (PeriodMaker) fileName:String, attributefactor:String, ReportGeneratorImpl attributecost:String): boolean - optionsList: List<String> Responsibilities contains optionsMap: Map<Integer,String> -- Creates an Abstract report template. choice: Integer -- Coordinates the execution of the different periodMaker: PeriodMaker steps involved in generating a report. 0..n + getters and setters for all fields in the class + initialize(): boolean + presentChoices(): boolean + captureChoice(scanner:Scanner):boolean generates + generateReport():boolean generates 0..n Responsibilities 0..2 -- Concrete implementation of ReportGenerator. ReportSummaryImpl ReportDetailedImpl 0..2 -- Present report choices to a user and provides attributesOtherLabels: List<String> costsMap: Map<String,Double> a report based on its selection. costsMap: Map<String,List<List<String»> + getClientCosts: Map<String,Double> + popMap(srcFile:File, + getters and setters for fields + alreadyInPlace(List<String> list1, attributefactor: String, attributecost : String): boolean List<String> list2): boolean + popFile(attributefactor: String, + popMap(srcFile:File, attributecost : String): boolean attributefactor: String, + generateReport(srcFile:File, attributecost : String): boolean fileName:String,attributefactor:String, + popFile(attributefactor: String, attributecost:String): boolean attributecost : String): boolean + generateReport(srcFile:File, Responsibilities fileName:String,attributefactor:String, -- Concrete implemenation of ReportAbstract. attributecost:String): boolean -- Generates a summary report (BPA or client). Responsibilities -- Concrete implemenation of ReportAbstract. -- Generates a detailed report (BPA or client).