SEP (default package) SEP() Smain(String[]):void <<Java Class>> CreateFile (default package) outputStream: FileOutputStream = null a outputWriter: PrintWriter previous_number: Integer = 0 CreateFile(String) w rite_toFile(Insert_New_Building_to_SEP,Integer):vøid close_file():void <<Java Class>> Insert_New_Building_to_SEP (default package) p first_location_code: Integer = 0 Insert_New_Building_to_SEP() of Insert_New_Building_to_SEP(HashMap<Integer,Insert_Location_to_SEP>) $^{\circ}$ Insert_New_Building_to_SEP(Insert_New_Building_to_SEP) add_location_to_HashMap(Integer,Insert_Location_to_SEP):void getLocations():HashMap<Integer,Insert_Location_to_SEP> getfirst_location_code():Integer setfirst_location_code(Integer):void toString():String equals(Insert_New_Building_to_SEP):boolean <<Java Class>> <<Java Class>> Area_Fire_Control Refresh_Sensors_Measurements (default package) (default package) total_reliabilty: double a time: int = 1 △ random_number: Random = new Random() ©Refresh_Sensors_Measurements() FRefresh_Sensors_Measurements(HashMap<Integer,Insert_Location_to_SEP>) check_for_fire():void FRefresh_Sensors_Measurements(Refresh_Sensors_Measurements) compute_total_reliabilty(Insert_Location_to_SEP):void toString():String renewing_sensor_readings():void quals(Area_Fire_Control):boolean compute_temperature():int compute_brightness():double compute_reliablity():double setTime(int):void getTime():int toString():String equals(Refrésh_Sensors_Measurements):boolean -location's <<Java Class>> Insert_Location_to_SEP (default package) location_code: Integer .-locations u temperature_sensor_value: int prightness_sensor_value: double a reliabilty_sensor: double Insert_Location_to_SEP() § Insert_Location_to_SEP(Integer,int,double,double) Insert_Location_to_SEP(Insert_Location_to_SEP) getLocation_code():Integer setLocation_code(Integer):void setTemperature_sensor_value(int):void getTemperature_sensor_value():int setBrightness_sensor_value(double):void getBrightness_sensor_value():double setReliabilty_sensor(double):void getReliabilty_sensor():double

toString():String

equals(Insert_Location_to_SEP):boolean

<<Java Class>>