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**Ce se afiseaza la rularea codului urmator? Explicati.**

**public class** Main {

**public static void** **main**(String[] args) {

StudentValidator validator = **new** StudentValidator();

Student student = **new** Student(**""**);

boolean validationResult = validator.validateStudent(student);

if (!validationResult) {

System.**out**.println**("Invalid student"**);

}else{

System.**out**.println(**"Valid student"**);

}

}

}

**class** ValidationException extends RuntimeException{

**ValidationException**(String message) {

super(message);

}

}

**class** StudentValidator{

boolean **validateStudent**(Student student) {

boolean validationResult;

if (student.name.equals(**""**)) {

validationResult = false;

throw new ValidationException(**"Invalid student name"**);

} else { validationResult = true; }

return validationResult;

}

}

**class** Student {

String **name**;

**Student**(String name) { this.**name** = name; }

}

**Variante de raspuns:**

1. Se afiseaza mesajul: "Invalid student"
2. Se afiseaza mesajul: "Invalid student" si eroarea la runtime: "ValidationException: Invalid student name"
3. Eroare de compilare: "Unhandled exception: ValidationException"
4. Eroare la runtime: "ValidationException: Invalid student name"
5. Se afiseaza mesajul: "Valid student"

**Explicatii:**

Exceptia "ValidationException" nu este prinsa in cod, deci nu se va mai executa nimic dupa ce a fost aruncata.Totodata, nu se va afisa eroare la compilare "Unhandled exception: ValidationException" deoarece am definit exceptia ca fiind RuntimeException, care face parte din categoria exceptiilor neverificate (unchecked), adică exceptii care pot fi generate, fara obligativitatea ca ele sa apara in clauze throws.