**package** assignments;

**class** Person{

String name;

String dateOfBirth;

String email;

**public** Person(String name, String dateOfBirth, String email){

**this**.name=name;

**this**.dateOfBirth=dateOfBirth;

**this**.email=email;

}

}

**class** Implementation3{

**public** String validator(Person details)**throws** Exception{

String[] s = details.dateOfBirth.split("-");

**if**(Integer.*parseInt*(s[0])>2000 || Integer.*parseInt*(s[2])>2000)

**throw** **new** InvalidDateException("date year must be less than 2000");

String domainName= details.email.substring(details.email.indexOf('@'));

**if** (!(domainName.equals("@doselect.com")))

**throw** **new** InvalidEmailException("only @doselect.com domail email are accepted");

**return**("valid details");

}

**public** String submitDetails(Person details) {

**try** {

validator(details);

}

**catch**(InvalidDateException|InvalidEmailException e) {

**return**("invalid details");

}

**catch**(Exception e) {

**return**("other exception");

}

**return**("details submitted successfully");

}

}

**class** InvalidDateException **extends** Exception{

**public** InvalidDateException(String str) {

**super**(str);

System.***out***.println(str);

}

}

**class** InvalidEmailException **extends** Exception{

**public** InvalidEmailException(String str) {

**super**(str);

System.***out***.println(str);

}

}

**public** **class** question7 {

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

Person data = **new** Person("Steve","12-02-1998","Steve12@doselect.com");

Implementation3 obj = **new** Implementation3();

**try** {

String str = obj.validator(data);

System.***out***.println(str);}

**catch**(Exception e) {

}

String str1 = obj.submitDetails(data);

System.***out***.println(str1);

}

}