TOPIC NAME : Exception Handling using module & Package

DAY :

TIME : DATE : / /

ABU SAYEM
IT-22008

```
package exception;
public class InvalidException extends Exception
{public InvalidException (String message){
super (message);
}
}
package exception;
public class InvalidDepartment Exception extends
Exception{
public InvalidDepartment Exception (String message)
{
  super (message)
}
}
package validation;
import exception. InvalidException;
import exception. Invalid Department Exception;
public class student validator {
public static void validateStudent(intage,
```

TOPIC NAME : DAY : TIME : DATE : / /

```
String Department)
throws InvalidException, InvalidDepartmentExcepti-
-on {  if (age< 18){
throw new InvalidException("Age must be
                                  above 18");
}
if (! Department.equalsIgnoreCase("ICT")) {
throw new. InvalidDepartmentException("Dept must
                                  be ICT");
}
System.out.println("Student is valid :");
}
}
import java.util.Scanner;
import exception. InvalidException;
import exception. InvalidDepartmentException;
import validation. StudentValidaton;
public class mainapp {
public static void main (String[] args)
Scanner se = new Scanner (System.in);
```

TOPIC NAME : DAY : TIME : DATE : / /

```
try {
    System.out.print("Enter age:");
int age = sc.nextInt();
sc.nextline();
System.out.println("Enter depart~~pan~~ment:");
String department = sc.nextline();
Student Validaton.validateStudent(age, depart-
                                    -ment);
}
catch (InvalidException | InvalidDepartmentException
                                        e)
{
System.out.print(" Validation error:" +e.get
                                    message)
}
catch (exeeption.e){
System.out.println("Unexcepted error:"+e.
                                    getmessage
}
finally {
        sc.close();
}
}
}
```