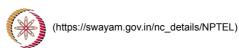
Χ





rajeshborate08@gmail.com >

NPTEL (https://swayam.gov.in/explorer?ncCode=NPTEL) » Programming in Java (course)

Announcements (announcements)

About the Course (https://swayam.gov.in/nd1_noc20_cs08/preview) Ask a Question (forum)

Progress (student/home) Mentor (student/mentor)

Register for Certification exam

(https://nptelaprilexam

Java Week 5:Q1

Due on 2020-03-05, 23:59 IST

An interface Number is defined in the following program. You have to declare a stars A, which will implement the interface Number. Note that the method find Sqr(n) will return the square of the number n.

Course outline

How does an NPTEL online course work?

Week 0:

Week 1:

Week 2 :

Week 4:

Week 5:

Lecture 21 : Interface-II (unit? unit=6&lesson=35)

Private Test cases used for evaluation	Input	Expected Output	Actual Output	Status
Test Case 1	3	9	9	Passe d

The due date for submitting this assignment has passed.

1 out of 1 tests passed.

You scored 100.0/100.

Assignment submitted on 2020-03-05, 23:03 IST

Your last recorded submission was:

```
1 import java.util.Scanner;
 3
   interface Number {
         int findSqr(int i); // Returns the square of n
 4
 6
    //Create a class A which implements the interface Number.
   class A{
 8
 9
      int findSqr(int i){
         i *=i;
10
11
         return i;
12
13
14
   public class Question5_1{
              public static void main (String[] args){
   A a = new A(); //Create an object of class A
   // Read a number from the keyboard
15
16
17
```

```
18
19
                                             Scanner sc = new Scanner(System.in);
 Lecture 22 :
                                             int i = sc.nextInt();
System.out.print(a.findSqr(i));
   Demonstration-
                            20
                            21
22
23
                                     }
   IX (unit?
                               }
   unit=6&lesson=36)
 Lecture 23 :
                          Sample solutions (Provided by instructor)
   Exception
                          Select the Language . Java ▼
   Handling-I
   (unit?
                             1 import java.util.Scanner;
                             2
   unit=6&lesson=37)
                             3
                               interface Number {
                                     int findSqr(int i); // Returns the square of n
                             4
 Lecture 24 :
                             5
   Exception
                             6
   Handling-II
                               class A implements Number +
   (unit?
                                     //Define a method to find the square of a number
                                      int i, square;
public int findSqr(int i) {
   unit=6&lesson=38)
                            10
                            11
                            12
                                           square=i*i;
 Lecture 25 :
                            13
                                               return square;
   Exception
                            14
   Handling-III
                            15
                               }
                            16
   (unit?
                            17
18
   unit=6&lesson=39)
                               public class Question5_1{
                                         public static void main (String[] args){
   A a = new A(); //Create an object of class A
   // Read a number from the keyboard
                            19
 Quiz :
                            20
                            21
   Assignment 5
                            22
23
                                             Scanner sc = new Scanner(System.in);
   (assessment?
                                             int i = sc.nextInt();
System.out.print(a.findSqr(i));
   name=97)
                            24
                            25
                                     }
 Java Week
                            26
                               }
                            27
   5:Q1
                            28
   (/noc20_cs08/progassigning.it.
   name=133)
 Java Week 5:
   (/noc20 cs08/progassignment?
   name=134)
 Java Week 5:
   Q3
   (/noc20 cs08/progassignment?
   name=135)
 Java Week 5:
   Q4
   (/noc20 cs08/progassignment?
   name=136)
 Java Week 5:
   Q5
   (/noc20 cs08/progassignment?
   name=137)

    Feedback For

   Week 5 (unit?
   unit=6&lesson=141)
Week 6:
Week 7:
```

DOWNLOAD VIDEOS

Assignment Solution