Java Week 5:Q1

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

Sample Test Cases

<table>
<thead>
<tr>
<th>Test Case 1</th>
<th>Input</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>-3</td>
<td></td>
<td>9</td>
</tr>
<tr>
<td>10</td>
<td></td>
<td>100</td>
</tr>
</tbody>
</table>

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment.

Sample solutions (Provided by instructor)

```java
import java.util.Scanner;

interface Number {
    int findSqr(int i); // Returns the square of n
}

class A implements Number {
    //Define a method to find the square of a number
    int findSqr(int i) {
        square=i*i;
        return square;
    }

    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
            Scanner sc = new Scanner(System.in);
            int i = sc.nextInt();
        }
    }
```
System.out.println(a.findSqr(i));

Quiz:
Assignment 5
(assessment?
name=97)

Java Week 5:
Q1
(/noc20_cs08/progassignment?
name=133)

Java Week 5:
Q2
(/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 12:

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