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/*
* Design a class to overload a function compare() as follows:
* i. void compare(int, int) = To compare two integer values and print the greater of the two integers
* ii. void compare(char, char) = To compare the numeric values of two characters and print the character with higher numeric value
* iii. void compare(String, String) = To compare the length of the two strings and print the longer of the two
*/
import java.util.Scanner;
public class Compare {
   void compare(int a, int b) {
      if (a > b) {
         System.out.println(a);
      } else {
         System.out.println(b);
      }
   }
   void compare(char a, char b) {
```

```
 int valueOfA = (int) a;
      int valueOfB = (int) b;
      if (valueOfA > valueOfB) {
         System.out.println(a);
      } else {
         System.out.println(b);
      }
   }
   void compare(String a, String b) {
      if (a.length() > b.length()) {
         System.out.println(a);
      } else {
         System.out.println(b);
      }
   }
   public static void main(String[] args) {
      Scanner sc = new Scanner(System.in);
      Compare obj = new Compare();
      System.out.print("Enter first number: ");
int intA = sc.nextInt();
      System.out.print("Enter second number: ");
```

```
int intB = sc.nextInt();
      obj.compare(intA, intB);
       System.out.print("Enter first character: ");
       char charA = sc.next().charAt(0);
       System.out.print("Enter second character: ");
       char charB = sc.next().charAt(0);
       obj.compare(charA, charB);
       System.out.print("Enter first string: ");
       String stringA = sc.next();
       System.out.print("Enter second string: ");
       String stringB = sc.next();
       obj.compare(stringA, stringB);
       sc.close();
   }
}
```

Output:

The result is 180.36212500000002