

Laboratory Exercises 4

Input Statement

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Section: BSCPE 2GF

Date: OCT 19, 2021
Score: _____

1. Write a program to read the current (I) in amperes and voltage (V) in volts and to compute the resistance (R) in ohms. The output should look like the ff.

Note: Resistance is given by $R = V/I$

Enter V in volts: __
Enter I in amperes: __
Resistance R is: __ ohms

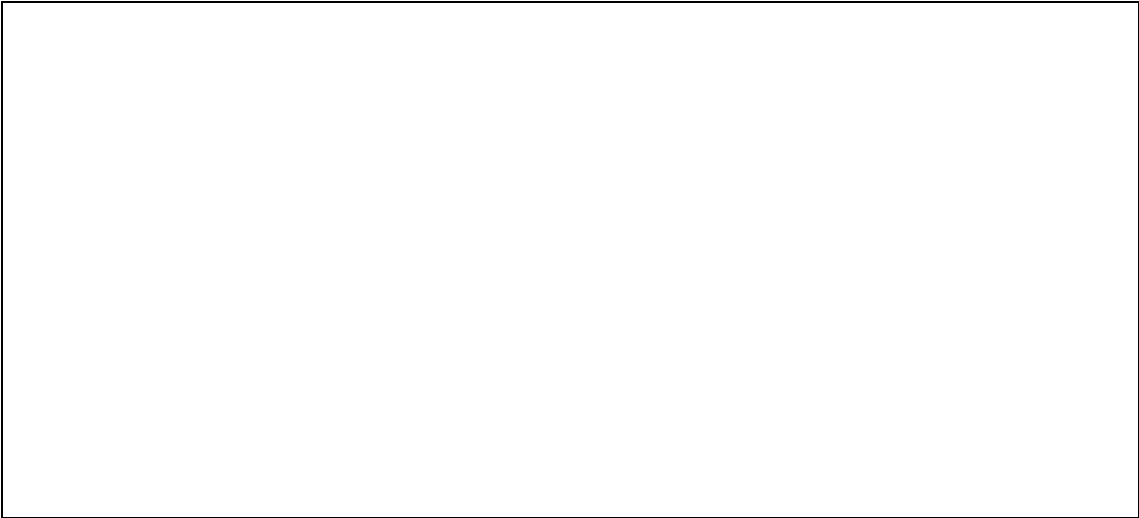
Answer program:

The screenshot shows an online Java IDE interface. At the top, it says "Online Java Compiler IDE" and "For Multiple Files, Custom Library and File Read/Write, use our new - Advanced Java IDE". Below this is a code editor with the following Java code:

```
1 import java.util.Scanner;
2 public class MyClass
3 {
4     public static void main(String args[])
5     {
6         Scanner input = new Scanner(System.in);
7
8         System.out.print("Enter V in volts: ");
9         int V = input.nextInt();
10
11        System.out.print("Enter I in amperes: ");
12        int I = input.nextInt();
13
14        System.out.println("Resistance R is: "+(V/I)+"ohms");
15    }
16 }
```

Below the code editor is a section titled "Execute Mode, Version, Inputs & Arguments". It shows "JDK 11.0.4" and a toggle for "Interactive" mode. There is an "Execute" button and some icons. Below this is a "Result" section that says "compiled and executed in 30.432 sec(s)". The output of the program is shown in a black box with white text:

```
Enter V in volts: 10
Enter I in amperes: 2
Resistance R is: 5ohms
```

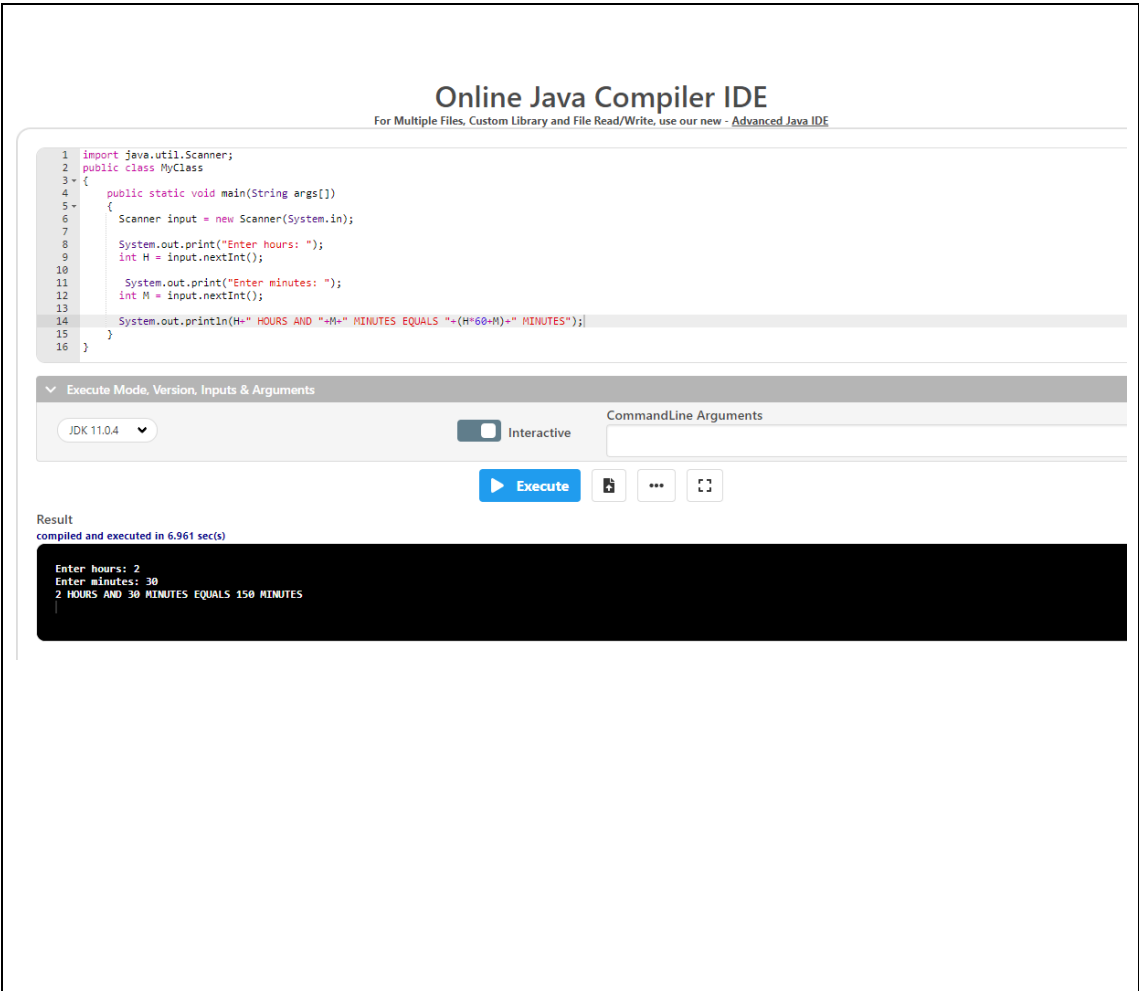



2. Write a program that converts hours and minutes into minutes only. A typical printout should be.

Enter hours: ____
Enter minutes: ____

____ HOURS AND ____ MINUTES EQUALS ____ MINUTES

Answer program:





3. Write a program that inputs a three-digit number, separates the number into its individual digits and prints the digits separated from one another by three spaces each.

Write your design output here:



Answer program:

