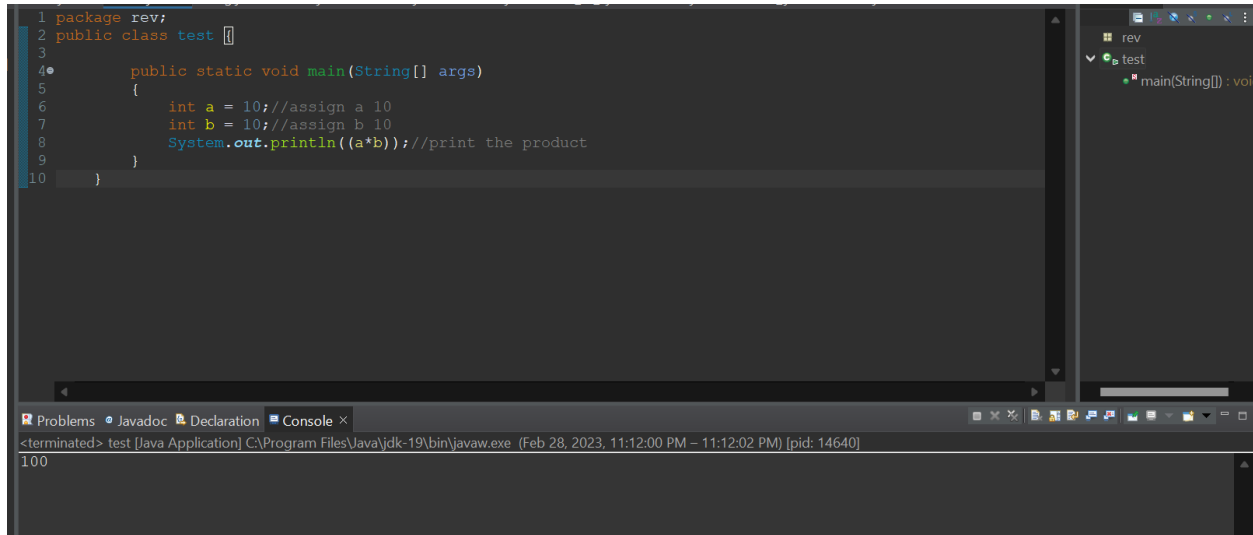


1) Write a Java program to print the product of two numbers.

Code: <https://codeshare.io/bvOqeM>



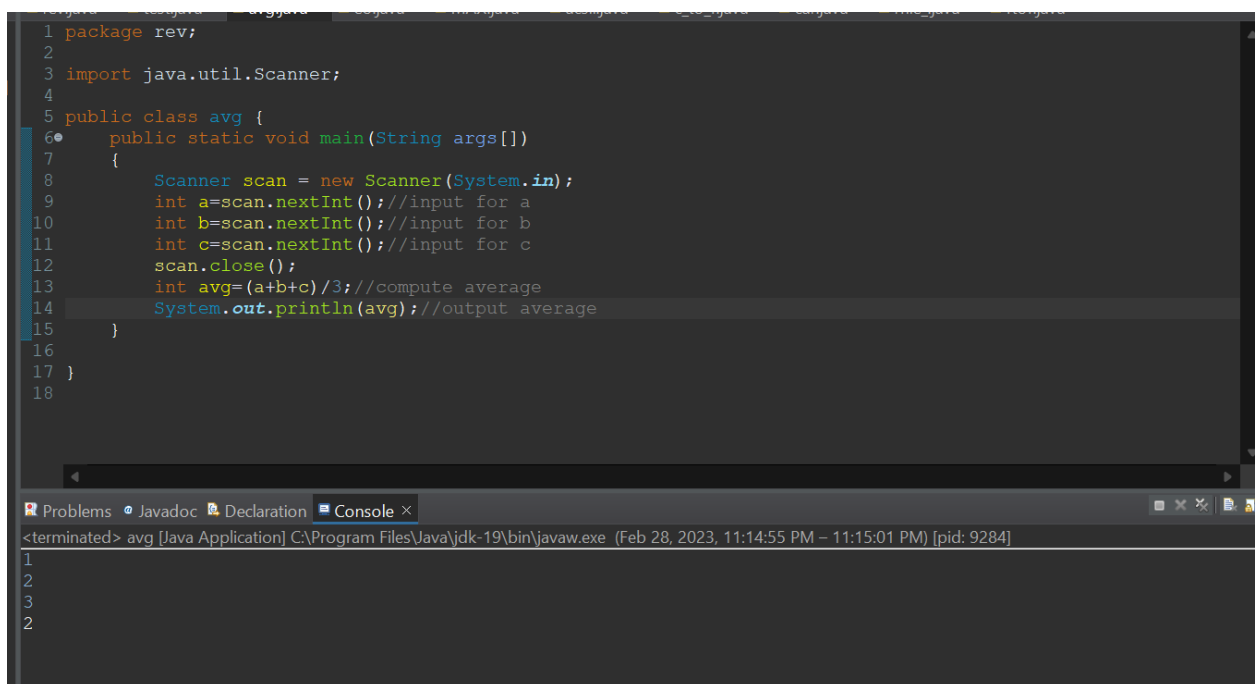
The screenshot shows an IDE with a Java file named 'test.java'. The code is as follows:

```
1 package rev;
2 public class test {
3
4     public static void main(String[] args)
5     {
6         int a = 10; //assign a 10
7         int b = 10; //assign b 10
8         System.out.println((a*b)); //print the product
9     }
10 }
```

The IDE also shows a 'Problems' tab with a message: '<terminated> test [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (Feb 28, 2023, 11:12:00 PM - 11:12:02 PM) [pid: 14640]'. The console output shows '100'.

2) Write a Java program to calculate the average of three numbers.

Code: <https://codeshare.io/LwEOAK>



The screenshot shows an IDE with a Java file named 'avg.java'. The code is as follows:

```
1 package rev;
2
3 import java.util.Scanner;
4
5 public class avg {
6     public static void main(String args[])
7     {
8         Scanner scan = new Scanner(System.in);
9         int a=scan.nextInt(); //input for a
10        int b=scan.nextInt(); //input for b
11        int c=scan.nextInt(); //input for c
12        scan.close();
13        int avg=(a+b+c)/3; //compute average
14        System.out.println(avg); //output average
15    }
16 }
17
18 }
```

The IDE also shows a 'Problems' tab with a message: '<terminated> avg [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (Feb 28, 2023, 11:14:55 PM - 11:15:01 PM) [pid: 9284]'. The console output shows '1', '2', '3', and '2' on separate lines.

3) Write a Java program to check whether a given number is even or odd.

Code: <https://codeshare.io/4eonpK>

```
1 package rev;
2
3 import java.util.Scanner;
4
5 public class eo {
6     public static void main(String args[])
7     {
8         Scanner scan = new Scanner(System.in);
9         int a=scan.nextInt();//input for a
10        scan.close();
11        if(a%2==0)//check odd or even
12            System.out.println("even");
13        else
14            System.out.println("odd");
15    }
16 }
17
```

Problems Javadoc Declaration Console ×

<terminated> eo [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (Feb 28, 2023, 11:24:24 PM – 11:24:26 PM) [pid: 9488]

6
even

4) Write a Java program to check whether a given year is a leap year.

Code: <https://codeshare.io/8plkVE>

```
1 package rev;
2
3 import java.util.Scanner;
4
5 public class leap {
6     public static void main(String args[])
7     {
8         Scanner scan = new Scanner(System.in);
9         int a=scan.nextInt();//input for a
10        scan.close();
11        if(a%4==0 && a%100!=0 || a%400 == 0)//check if leap year or not
12        {
13            System.out.println("leap year");
14        }
15        else
16            System.out.println("not leap year");
17    }
18 }
19 }
20
```

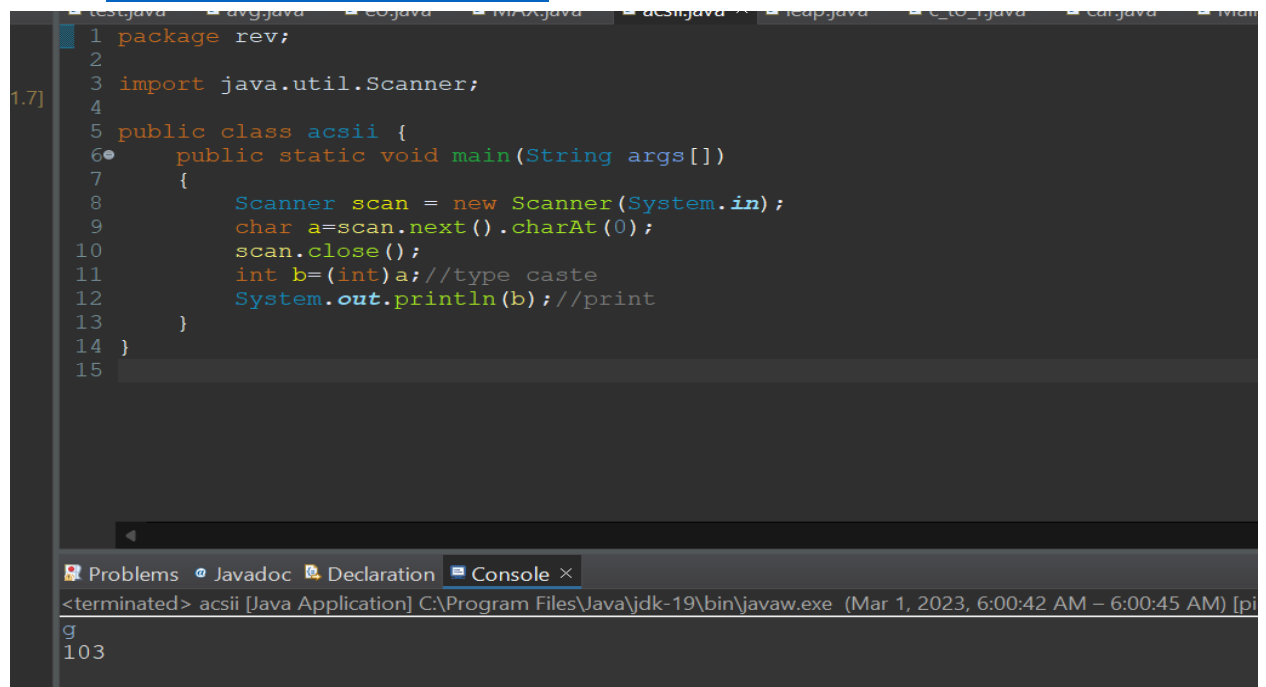
Problems Javadoc Declaration Console ×

<terminated> leap [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (Feb 28, 2023, 11:28:48 PM – 11:28:54 PM) [pid: 20948]

2009
not leap year

5) Write a Java program to print the ASCII value of a given character.

Code: <https://codeshare.io/3Ab80k>



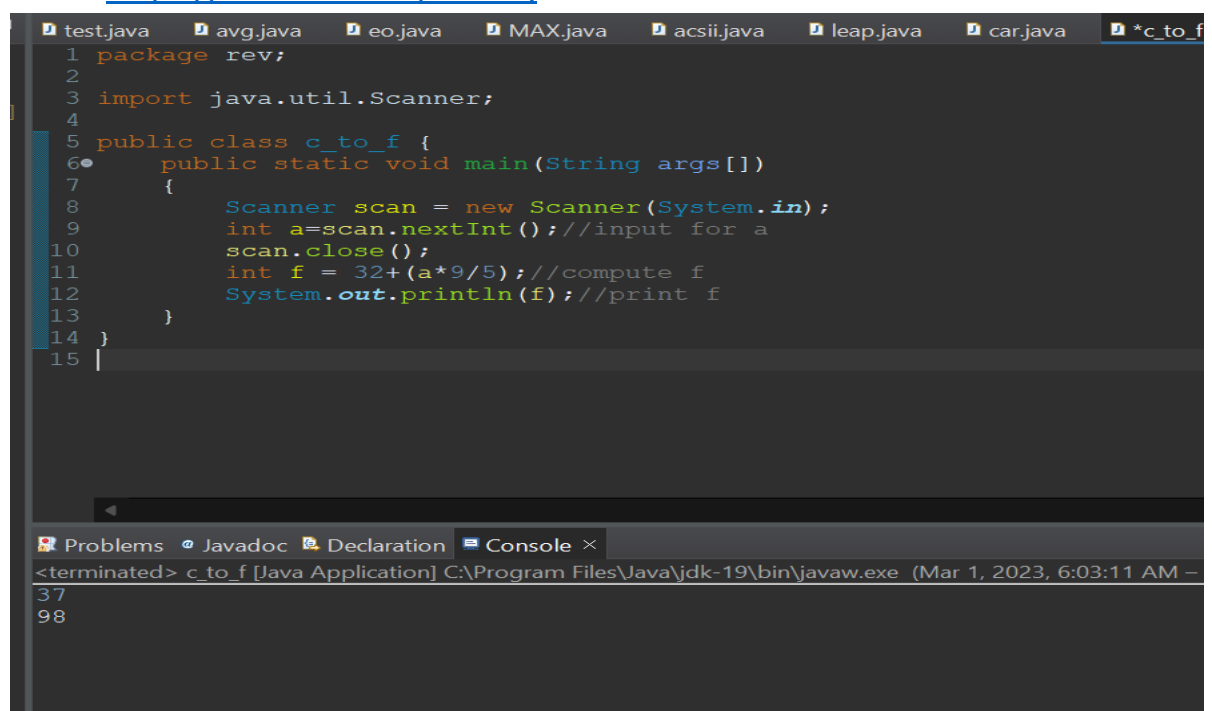
The screenshot shows an IDE with a Java file named `acsii.java`. The code is as follows:

```
1 package rev;
2
3 import java.util.Scanner;
4
5 public class acsii {
6     public static void main(String args[])
7     {
8         Scanner scan = new Scanner(System.in);
9         char a=scan.next().charAt(0);
10        scan.close();
11        int b=(int)a;//type caste
12        System.out.println(b);//print
13    }
14 }
15
```

The console output shows the program terminated successfully, printing the ASCII value 103.

6) Write a Java program to convert Celsius to Fahrenheit

Code: <https://codeshare.io/4eonZj>



The screenshot shows an IDE with a Java file named `*c_to_f`. The code is as follows:

```
1 package rev;
2
3 import java.util.Scanner;
4
5 public class c_to_f {
6     public static void main(String args[])
7     {
8         Scanner scan = new Scanner(System.in);
9         int a=scan.nextInt();//input for a
10        scan.close();
11        int f = 32+(a*9/5);//compute f
12        System.out.println(f);//print f
13    }
14 }
15
```

The console output shows the program terminated successfully, printing the Fahrenheit value 98.

7) Write a Java program to find the maximum of two numbers.

Code: <https://codeshare.io/QnE9ye>

```
1 package rev;
2
3 import java.util.*;
4
5 public class MAX {
6
7     public static void main(String[] args) {
8         // TODO Auto-generated method stub
9         Scanner scan=new Scanner(System.in);
10        System.out.println("Enter the first number "); //first num
11        int a=scan.nextInt();
12        System.out.println("Enter the 2nd number "); //second num
13        int b=scan.nextInt();
14        scan.close();
15        System.out.println("max of 2 number is " +(Math.max(a,b))); //maximum of two num
16    }
17 }
18
```

Problems Javadoc Declaration Console ×

<terminated> MAX [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (Mar 1, 2023, 6:10:39 AM – 6:10:46 AM) [pid: 8304]

Enter the first number
5
Enter the 2nd number
6
max of 2 number is 6