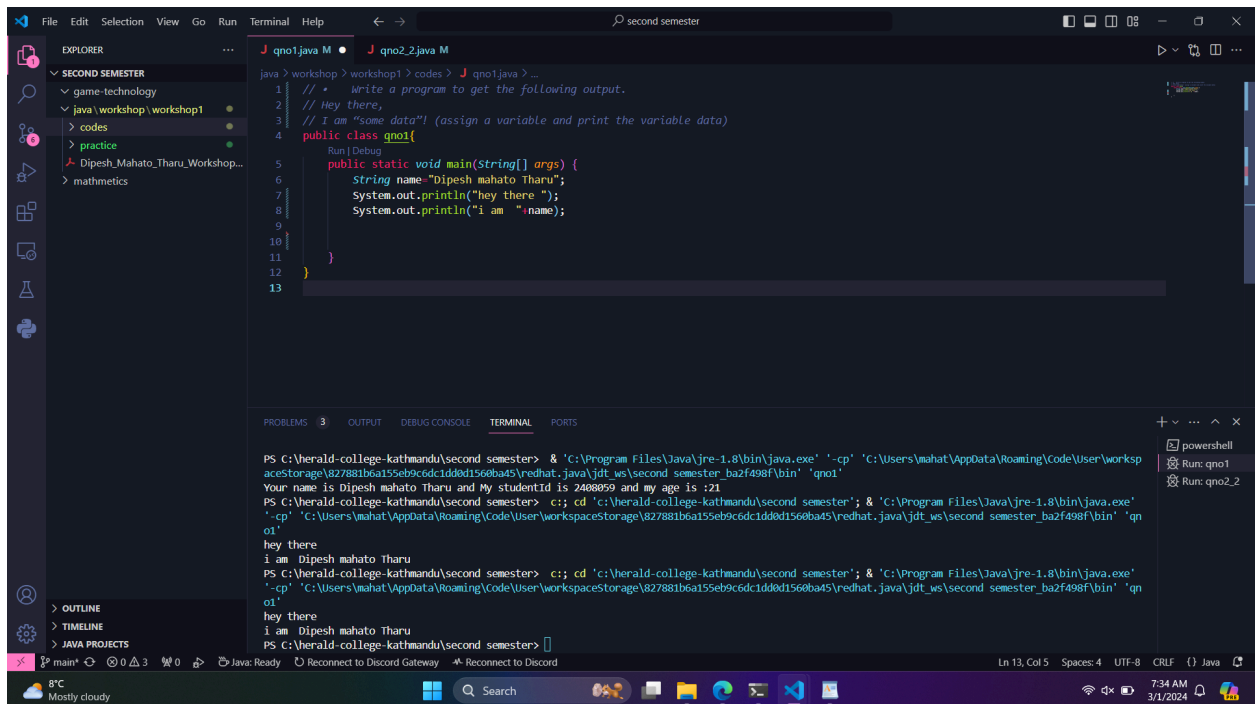


- 1 • Write a program to get the following output.

Hey there,

I am “some data”! (assign a variable and print the variable data)



The screenshot shows an IDE with a Java file named `qno1.java` and `qno2_2.java`. The code in `qno1.java` is as follows:

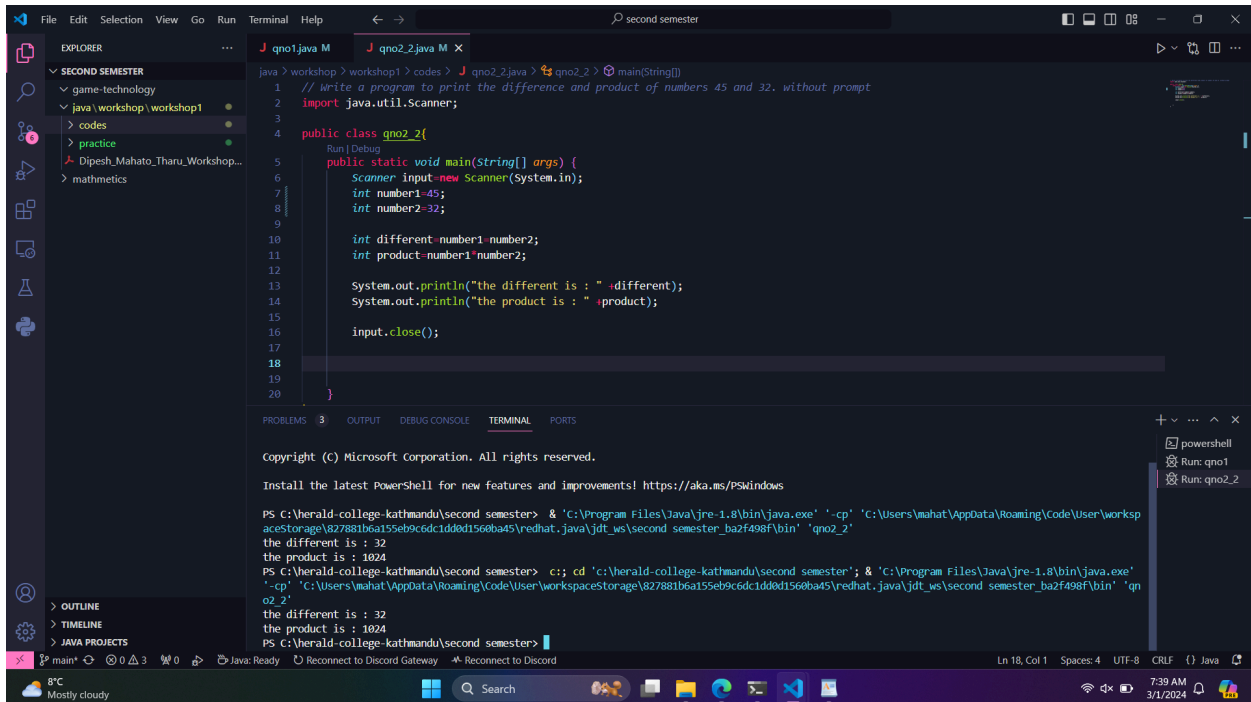
```
1 // * write a program to get the following output.
2 // Hey there,
3 // I am "some data"! (assign a variable and print the variable data)
4 public class qno1{
5     public static void main(String[] args) {
6         String name="Dipesh mahato Tharu";
7         System.out.println("hey there ");
8         System.out.println("i am "+name);
9     }
10 }
11
12
13
```

The terminal output shows the execution of the program:

```
PS C:\herald-college-kathmandu\second semester> & 'C:\Program Files\Java\jre-1.8\bin\java.exe' '-cp' 'C:\Users\mahat\AppData\Roaming\Code\User\worksp
aceStorage\827881b6a155eb9c6dc1dd0d1560ba45\redhat.java\jdt_ws\second semester_ba2f498f\bin' 'qno1'
Your name is Dipesh mahato Tharu and My studentId is 2408059 and my age is :21
PS C:\herald-college-kathmandu\second semester> c:; cd 'C:\herald-college-kathmandu\second semester'; & 'C:\Program Files\Java\jre-1.8\bin\java.exe'
'-cp' 'C:\Users\mahat\AppData\Roaming\Code\User\workspaceStorage\827881b6a155eb9c6dc1dd0d1560ba45\redhat.java\jdt_ws\second semester_ba2f498f\bin' 'qn
o1'
hey there
i am Dipesh mahato Tharu
PS C:\herald-college-kathmandu\second semester> c:; cd 'C:\herald-college-kathmandu\second semester'; & 'C:\Program Files\Java\jre-1.8\bin\java.exe'
'-cp' 'C:\Users\mahat\AppData\Roaming\Code\User\workspaceStorage\827881b6a155eb9c6dc1dd0d1560ba45\redhat.java\jdt_ws\second semester_ba2f498f\bin' 'qn
o1'
hey there
i am Dipesh mahato Tharu
PS C:\herald-college-kathmandu\second semester>
```

Write a program to print the difference and product of numbers 45 and 32.

Without prompt



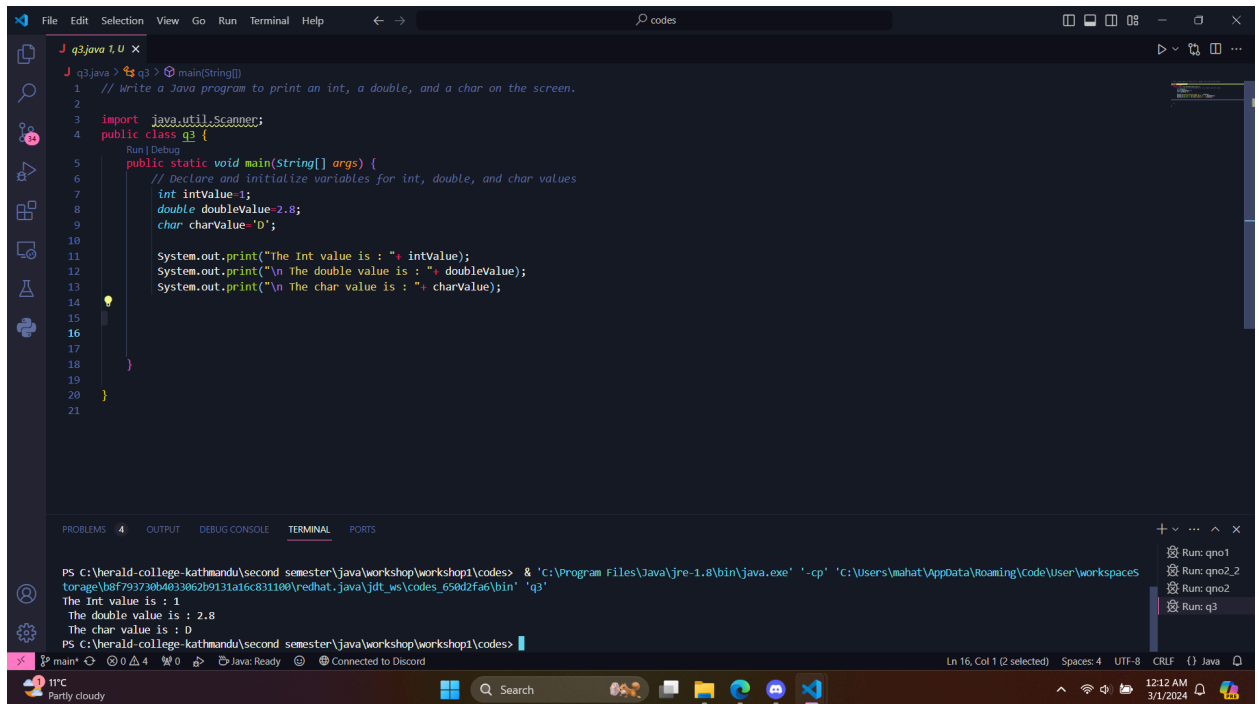
The screenshot shows a code editor with a Java file named `qno2_2.java`. The code defines a class `qno2_2` with a `main` method. Inside the `main` method, two integers are declared and assigned values: `int number1=45;` and `int number2=32;`. Then, the difference and product are calculated: `int different=number1-number2;` and `int product=number1*number2;`. Finally, the results are printed using `System.out.println`: `System.out.println("the different is : " +different);` and `System.out.println("the product is : " +product);`. The `Scanner` class is imported at the top, and the `input.close();` method is called at the bottom.

```
1 // Write a program to print the difference and product of numbers 45 and 32, without prompt
2 import java.util.Scanner;
3
4 public class qno2_2{
5     public static void main(String[] args) {
6         Scanner input=new Scanner(System.in);
7         int number1=45;
8         int number2=32;
9
10        int different=number1-number2;
11        int product=number1*number2;
12
13        System.out.println("the different is : " +different);
14        System.out.println("the product is : " +product);
15
16        input.close();
17
18    }
19
20 }
```

The terminal output shows the execution of the program. It displays the difference and product of 45 and 32, which are 13 and 1440 respectively. The output is as follows:

```
PS C:\herald-college-kathmandu\second semester> java -cp "C:\Program Files\Java\jre-1.8\bin\java.exe" "C:\Users\mahat\AppData\Roaming\Code\User\workspaceStorage\827881b6a155eb9c6dc1dd0d1560ba45\redhat.java\jdt_ws\second semester_ba2f498f\bin" "qno2_2"
the different is : 13
the product is : 1440
PS C:\herald-college-kathmandu\second semester>
```

3 .Write a Java program to print an int, a double, and a char on the screen.



The screenshot shows an IDE with a Java file named `q3.java`. The code is as follows:

```
1 // Write a Java program to print an int, a double, and a char on the screen.
2
3 import java.util.Scanner;
4 public class q3 {
5     public static void main(String[] args) {
6         // Declare and initialize variables for int, double, and char values
7         int intValue=1;
8         double doubleValue=2.8;
9         char charValue='D';
10
11         System.out.print("The Int value is : "+ intValue);
12         System.out.print("\n The double value is : "+ doubleValue);
13         System.out.print("\n The char value is : "+ charValue);
14
15
16     }
17
18 }
19
20
21
```

The terminal output shows the execution of the program:

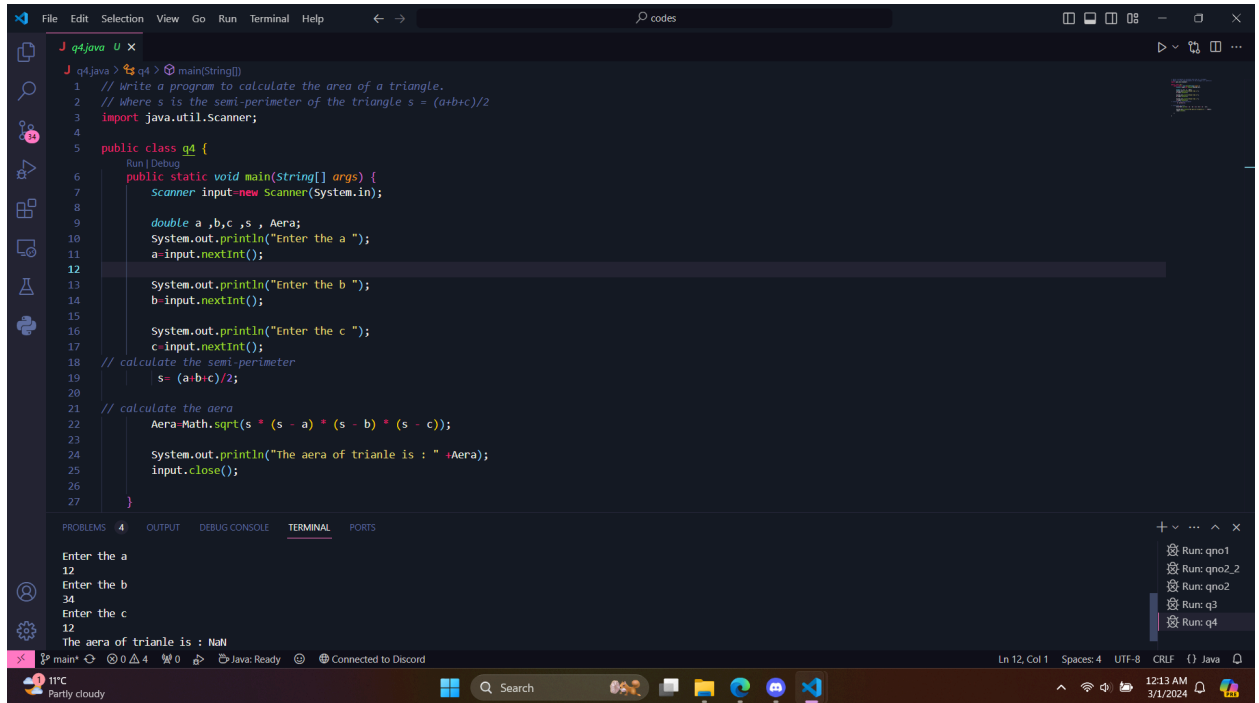
```
PS C:\herald-college-kathmandu\second semester\java\workshop\workshop1\codes> & 'C:\Program Files\Java\jre-1.8\bin\java.exe' '-cp' 'C:\Users\mahat\AppData\Roaming\Code\User\workspaces\torage\b8f793730b4033062b9131a16c831100\redhat.java\jdt_ws\codes_650d2fa6\bin' 'q3'
The Int value is : 1
The double value is : 2.8
The char value is : D
PS C:\herald-college-kathmandu\second semester\java\workshop\workshop1\codes>
```

The status bar at the bottom indicates the current line is 16, column 1, with 2 selected spaces, UTF-8 encoding, and CRLF line endings. The system tray shows the date and time as 12:12 AM on 3/1/2024.

Write a program to calculate the area of a triangle.

$$A = \sqrt{s(s - a)(s - b)(s - c)}$$

Where s is the semi-perimeter of the triangle  $s = (a+b+c)/2$



```
J q4.java U X
J q4.java > q4 > main(String[])
1 // Write a program to calculate the area of a triangle.
2 // Where s is the semi-perimeter of the triangle s = (a+b+c)/2
3 import java.util.Scanner;
4
5 public class q4 {
6     Run | Debug
7     public static void main(String[] args) {
8         Scanner input = new Scanner(System.in);
9
10        double a, b, c, s, Aera;
11        System.out.println("Enter the a ");
12        a = input.nextInt();
13
14        System.out.println("Enter the b ");
15        b = input.nextInt();
16
17        System.out.println("Enter the c ");
18        c = input.nextInt();
19        // calculate the semi-perimeter
20        s = (a+b+c)/2;
21        // calculate the aera
22        Aera = Math.sqrt(s * (s - a) * (s - b) * (s - c));
23
24        System.out.println("The aera of trianle is : " + Aera);
25        input.close();
26    }
27 }
```

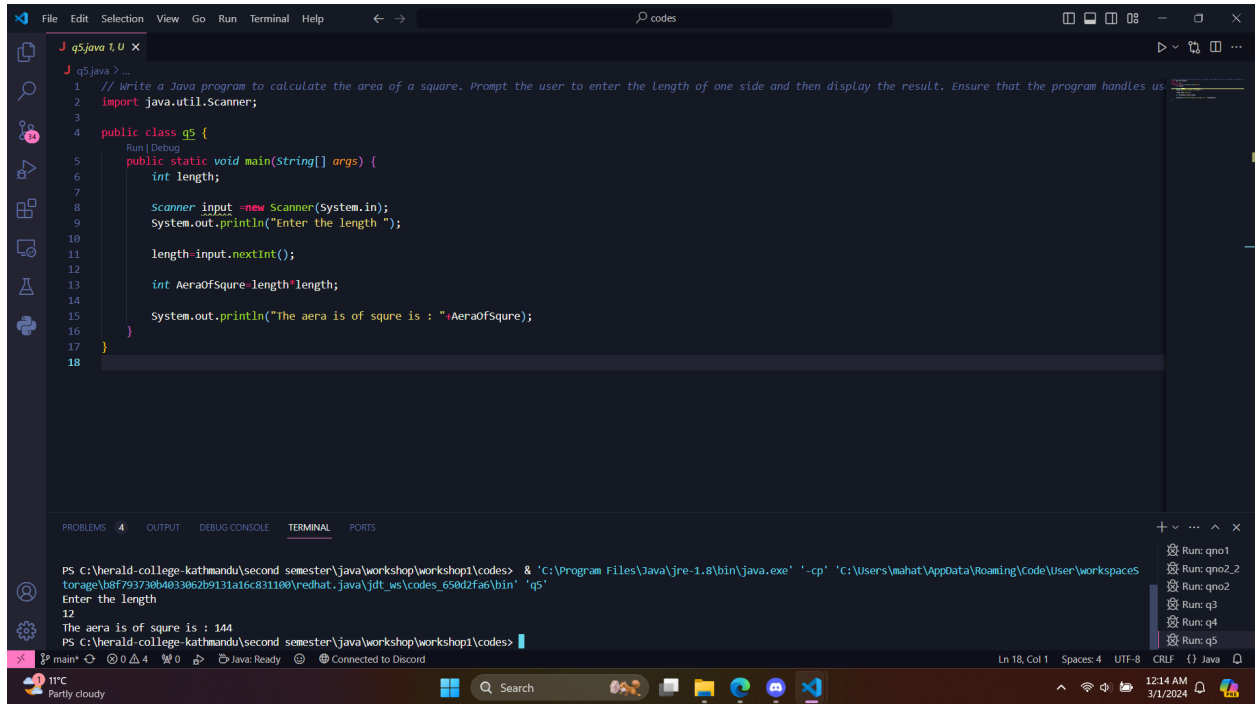
Enter the a  
12  
Enter the b  
34  
Enter the c  
12  
The aera of trianle is : NaN

Run: qno1  
Run: qno2\_2  
Run: qno2  
Run: q3  
Run: q4

Ln 12, Col 1 Spaces: 4 UTF-8 CRLF {} Java

11°C Partly cloudy 12:13 AM 3/1/2024

Write a Java program to calculate the area of a square. Prompt the user to enter the length of one side and then display the result. Ensure that the program handles user input as a double data type.



The screenshot shows an IDE with a Java file named `q5.java`. The code is as follows:

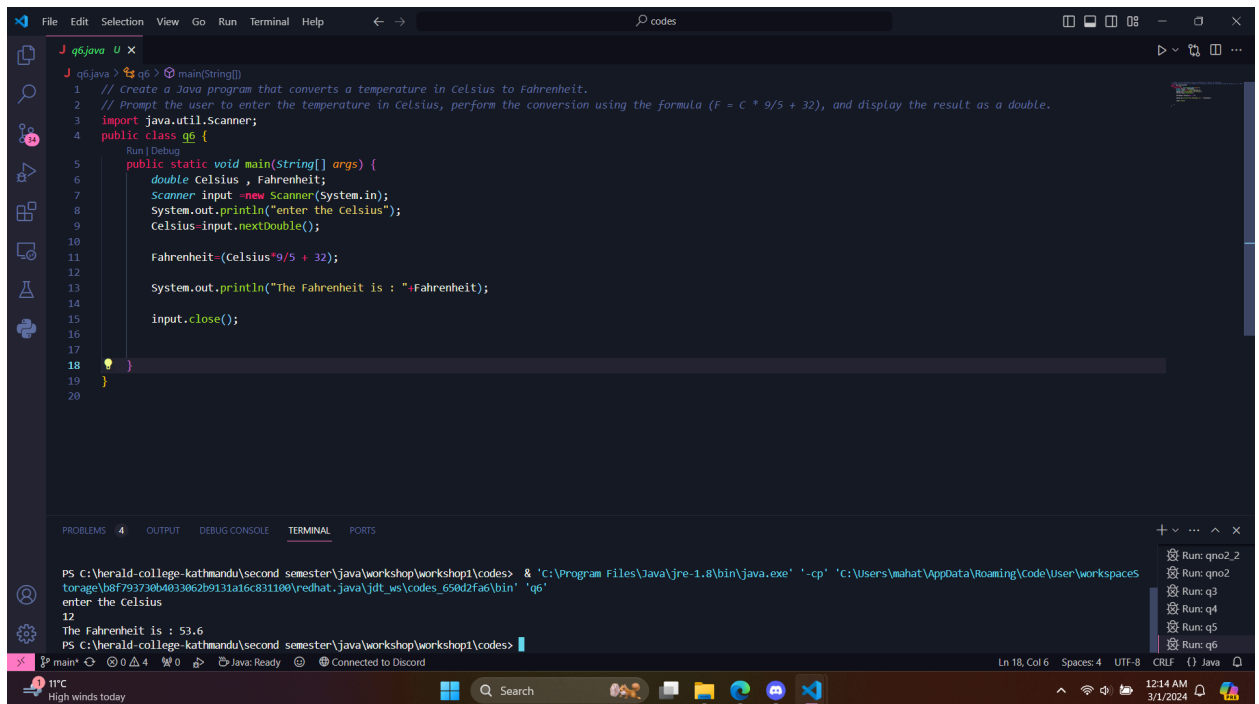
```
1 // Write a Java program to calculate the area of a square. Prompt the user to enter the length of one side and then display the result. Ensure that the program handles us
2 import java.util.Scanner;
3
4 public class q5 {
5     public static void main(String[] args) {
6         int length;
7
8         Scanner input = new Scanner(System.in);
9         System.out.println("Enter the length ");
10
11         length = input.nextInt();
12
13         int AreaOfSquare = length * length;
14
15         System.out.println("The area is of square is : " + AreaOfSquare);
16     }
17 }
18
```

The terminal output shows the program execution:

```
PS C:\herald-college-kathmandu\second semester\java\workshop\workshop1\codes> & 'C:\Program Files\Java\jre-1.8\bin\java.exe' '-cp' 'C:\Users\mahat\AppData\Roaming\Code\User\workspaces
torage\b8f793730b04033062b9131a16c831100\redhat_java\jdt_ws\codes_650d2fa6\bin' 'q5'
Enter the length
12
The area is of square is : 144
PS C:\herald-college-kathmandu\second semester\java\workshop\workshop1\codes>
```

The IDE interface includes a menu bar (File, Edit, Selection, View, Go, Run, Terminal, Help), a toolbar, a sidebar with icons for Explorer, Search, Run and Debug, Source Control, Extensions, and Testing, and a bottom status bar showing 'Ln 18, Col 1', 'Spaces: 4', 'UTF-8', 'CRLF', and 'Java'.

Create a Java program that converts a temperature in Celsius to Fahrenheit. Prompt the user to enter the temperature in Celsius, perform the conversion using the formula ( $F = C * 9/5 + 32$ ), and display the result as a double.



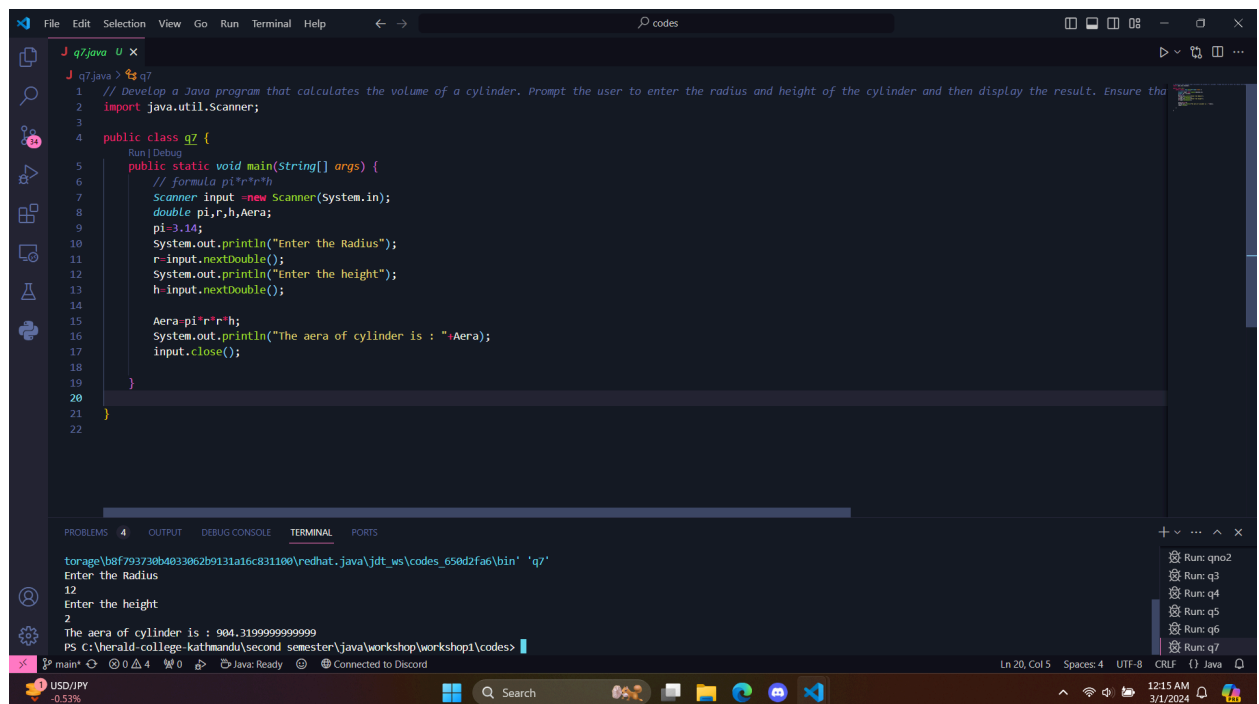
The screenshot shows an IDE with a Java file named `q6.java`. The code implements a temperature conversion program. It prompts the user to enter a temperature in Celsius, performs the conversion using the formula  $F = C * 9/5 + 32$ , and displays the result as a double. The terminal output shows the program running successfully, with the user inputting 53.6 and the program outputting 128.48.

```
1 // Create a Java program that converts a temperature in celsius to Fahrenheit.
2 // Prompt the user to enter the temperature in Celsius, perform the conversion using the formula (F = C * 9/5 + 32), and display the result as a double.
3 import java.util.Scanner;
4 public class q6 {
5     public static void main(String[] args) {
6         double Celsius, Fahrenheit;
7         Scanner input = new Scanner(System.in);
8         System.out.println("Enter the Celsius");
9         Celsius = input.nextDouble();
10
11         Fahrenheit = (Celsius * 9/5 + 32);
12
13         System.out.println("The Fahrenheit is : " + Fahrenheit);
14
15         input.close();
16     }
17 }
18
19
20
```

Terminal Output:

```
PS C:\herald-college-kathmandu\second semester\java\workshop\workshop1\codes> & 'C:\Program Files\Java\jre-1.8\bin\java.exe' '-cp' 'C:\Users\mahat\AppData\Roaming\Code\User\workspaces\torage\b8f793730b033062b9131a16c831100\redhat.java\jdt_ws\codes_650d2fa6\bin' 'q6'
enter the Celsius
12
The Fahrenheit is : 53.6
PS C:\herald-college-kathmandu\second semester\java\workshop\workshop1\codes>
```

Develop a Java program that calculates the volume of a cylinder. Prompt the user to enter the radius and height of the cylinder and then display the result. Ensure that the program uses appropriate data types for calculation and output.



```
q7.java
1 // Develop a Java program that calculates the volume of a cylinder. Prompt the user to enter the radius and height of the cylinder and then display the result. Ensure tha
2 import java.util.Scanner;
3
4 public class q7 {
5     public static void main(String[] args) {
6         // formula pi*r*r*h
7         Scanner input = new Scanner(System.in);
8         double pi,r,h,Aera;
9         pi=3.14;
10        System.out.println("Enter the Radius");
11        r=input.nextDouble();
12        System.out.println("Enter the height");
13        h=input.nextDouble();
14
15        Aera=pi*r*r*h;
16        System.out.println("The aera of cylinder is : "+Aera);
17        input.close();
18    }
19 }
20
21
22
```

PROBLEMS 4 OUTPUT DEBUG CONSOLE TERMINAL PORTS

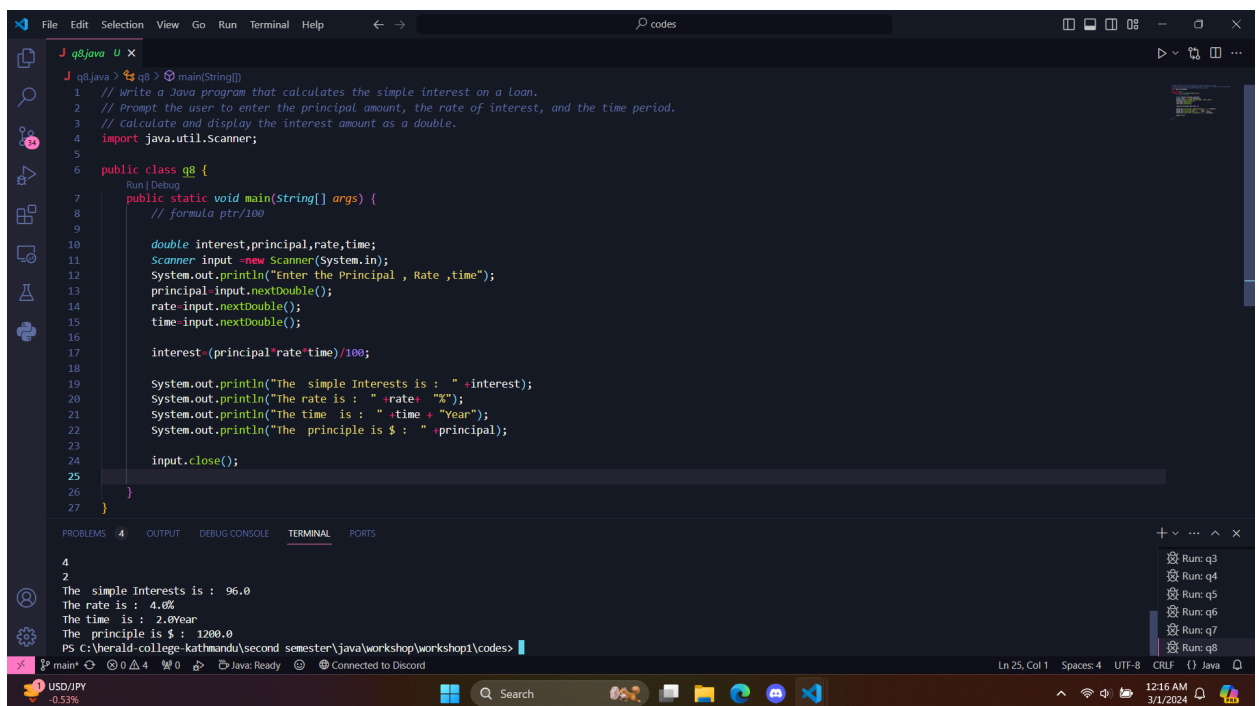
torage\b8f793770b4039062b9131a6c831100\redhat.java\jdk\_ws\codes\_650d2fa6\bin' 'q7'

Enter the Radius  
12  
Enter the height  
2  
The aera of cylinder is : 904.3199999999999  
PS C:\herald-college-kathmandu\second semester\java\workshop\workshop1\codes>

Ln 20, Col 5 Spaces: 4 UTF-8 CRLF {} Java

12:15 AM  
3/1/2024

Write a Java program that calculates the simple interest on a loan. Prompt the user to enter the principal amount, the rate of interest, and the time period. Calculate and display the interest amount as a double.



The screenshot shows an IDE window with a Java file named `q8.java`. The code is as follows:

```
1 // Write a Java program that calculates the simple interest on a loan.
2 // Prompt the user to enter the principal amount, the rate of interest, and the time period.
3 // Calculate and display the interest amount as a double.
4 import java.util.Scanner;
5
6 public class q8 {
7     public static void main(String[] args) {
8         // formula ptr/100
9
10        double interest, principal, rate, time;
11        Scanner input = new Scanner(System.in);
12        System.out.println("Enter the Principal , Rate ,time");
13        principal=input.nextDouble();
14        rate=input.nextDouble();
15        time=input.nextDouble();
16
17        interest=(principal*rate*time)/100;
18
19        System.out.println("The simple Interests is : " +interest);
20        System.out.println("The rate is : " +rate+ "%");
21        System.out.println("The time is : " +time + "Year");
22        System.out.println("The principle is $ : " +principal);
23
24        input.close();
25    }
26 }
27
```

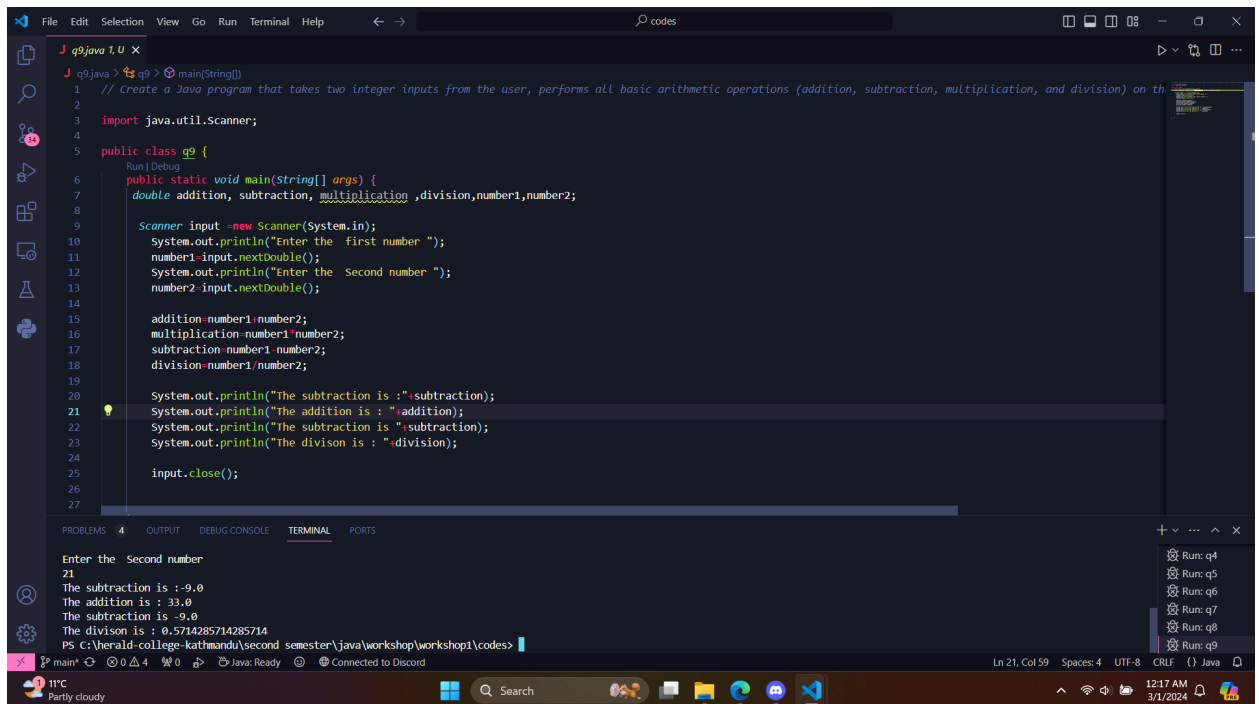
The bottom panel of the IDE shows the terminal output:

```
4
2
The simple Interests is : 96.0
The rate is : 4.0%
The time is : 2.0Year
The principle is $ : 1200.0
PS C:\herald-college-kathmandu\second semester\java\workshop\workshop1\codes>
```

The IDE interface includes a menu bar (File, Edit, Selection, View, Go, Run, Terminal, Help), a toolbar, and a sidebar with icons for Explorer, Search, Run and Debug, and Source Control. The status bar at the bottom shows the current file path, cursor position (Ln 25, Col 1), and other details.



Create a Java program that takes two integer inputs from the user, performs all basic arithmetic operations (addition, subtraction, multiplication, and division) on these numbers, and displays the results.



The screenshot shows an IDE with a Java file named `q9.java`. The code implements a program that takes two integer inputs from the user and performs addition, subtraction, multiplication, and division. The code is as follows:

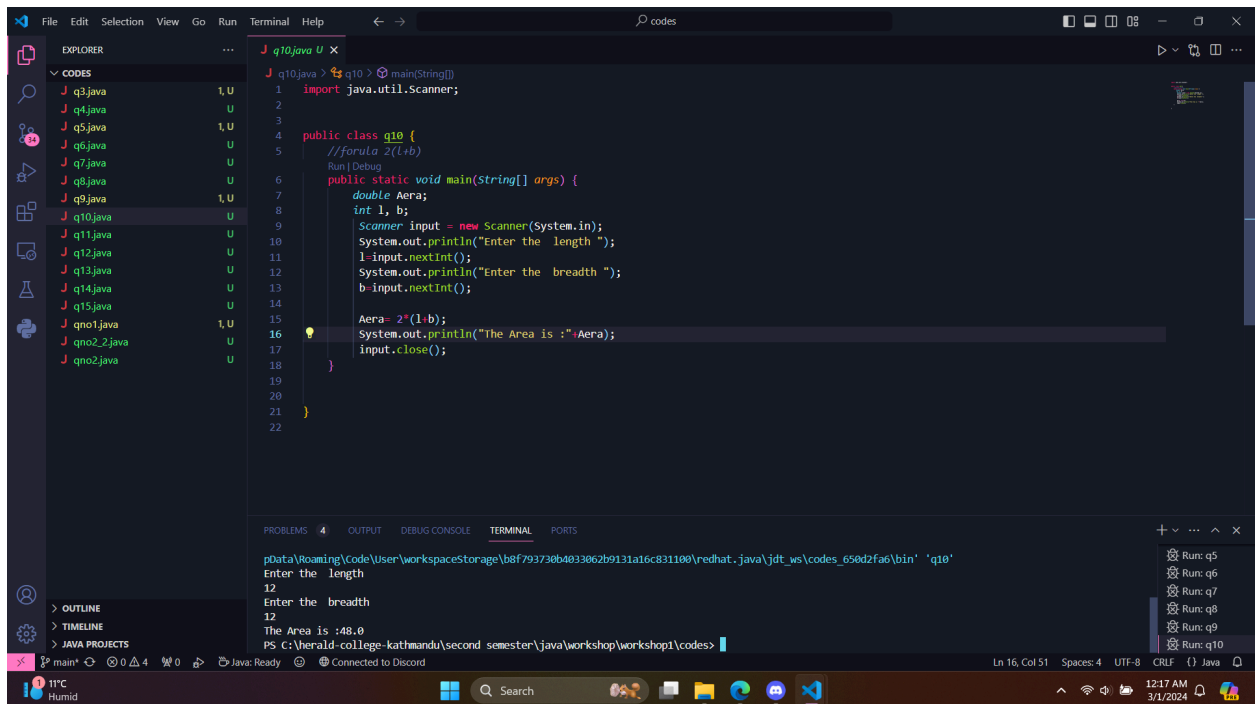
```
1 // Create a Java program that takes two integer inputs from the user, performs all basic arithmetic operations (addition, subtraction, multiplication, and division) on these numbers, and displays the results.
2
3 import java.util.Scanner;
4
5 public class q9 {
6     public static void main(String[] args) {
7         double addition, subtraction, multiplication, division, number1, number2;
8
9         Scanner input = new Scanner(System.in);
10        System.out.println("Enter the first number ");
11        number1 = input.nextDouble();
12        System.out.println("Enter the Second number ");
13        number2 = input.nextDouble();
14
15        addition = number1 + number2;
16        multiplication = number1 * number2;
17        subtraction = number1 - number2;
18        division = number1 / number2;
19
20        System.out.println("The subtraction is : " + subtraction);
21        System.out.println("The addition is : " + addition);
22        System.out.println("The subtraction is : " + subtraction);
23        System.out.println("The division is : " + division);
24
25        input.close();
26    }
27 }
```

The terminal output shows the execution of the program with the following input and output:

```
Enter the Second number
21
The subtraction is :-9.0
The addition is : 33.0
The subtraction is :-9.0
The division is : 0.5714285714285714
PS C:\herald-college-kathmandu\second semester\java\workshop\workshop1\codes>
```

The IDE interface includes a menu bar (File, Edit, Selection, View, Go, Run, Terminal, Help), a toolbar, and a sidebar with icons for Explorer, Search, Run and Debug, and Source Control. The bottom status bar shows the current line and column (Ln 21, Col 59), the number of spaces (4), the encoding (UTF-8), and the line ending (CRLF).

Write a Java program that calculates the perimeter of a rectangle. Prompt the user to enter the length and width of the rectangle, and then display the result. Use appropriate data types for calculation and output.



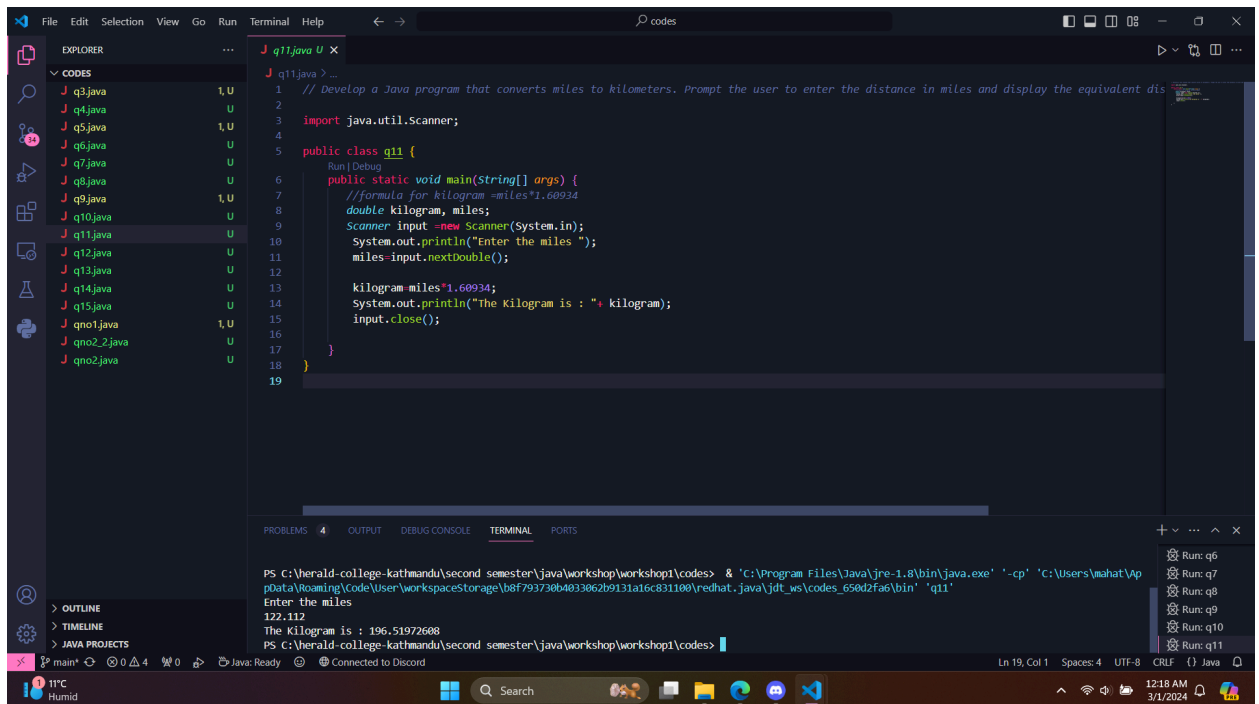
```
File Edit Selection View Go Run Terminal Help
q10.java
q3.java
q4.java
q5.java
q6.java
q7.java
q8.java
q9.java
q10.java
q11.java
q12.java
q13.java
q14.java
q15.java
qno1.java
qno2_2.java
qno2.java

J q10.java
1 import java.util.Scanner;
2
3
4 public class q10 {
5     //formula 2(l+b)
6     public static void main(String[] args) {
7         double Aera;
8         int l, b;
9         Scanner input = new Scanner(System.in);
10        System.out.println("Enter the length ");
11        l = input.nextInt();
12        System.out.println("Enter the breadth ");
13        b = input.nextInt();
14
15        Aera = 2*(l+b);
16        System.out.println("The Area is :"+Aera);
17        input.close();
18    }
19
20
21
22

PROBLEMS 4 OUTPUT DEBUG CONSOLE TERMINAL PORTS
pdata\Roaming\Code\User\workspaceStorage\b8f793730b4033062b9131a16c831100\redhat.java\jdt_ws\codes_650d2fa6\bin' 'q10'
Enter the length
12
Enter the breadth
12
The Area is :48.0
PS C:\herald-college-kathandu\second semester\java\workshop\workshop1\codes>

Ln 16, Col 51 Spaces: 4 UTF-8 CRLF {} Java
```

Develop a Java program that converts miles to kilometers. Prompt the user to enter the distance in miles and display the equivalent distance in kilometers as a double.



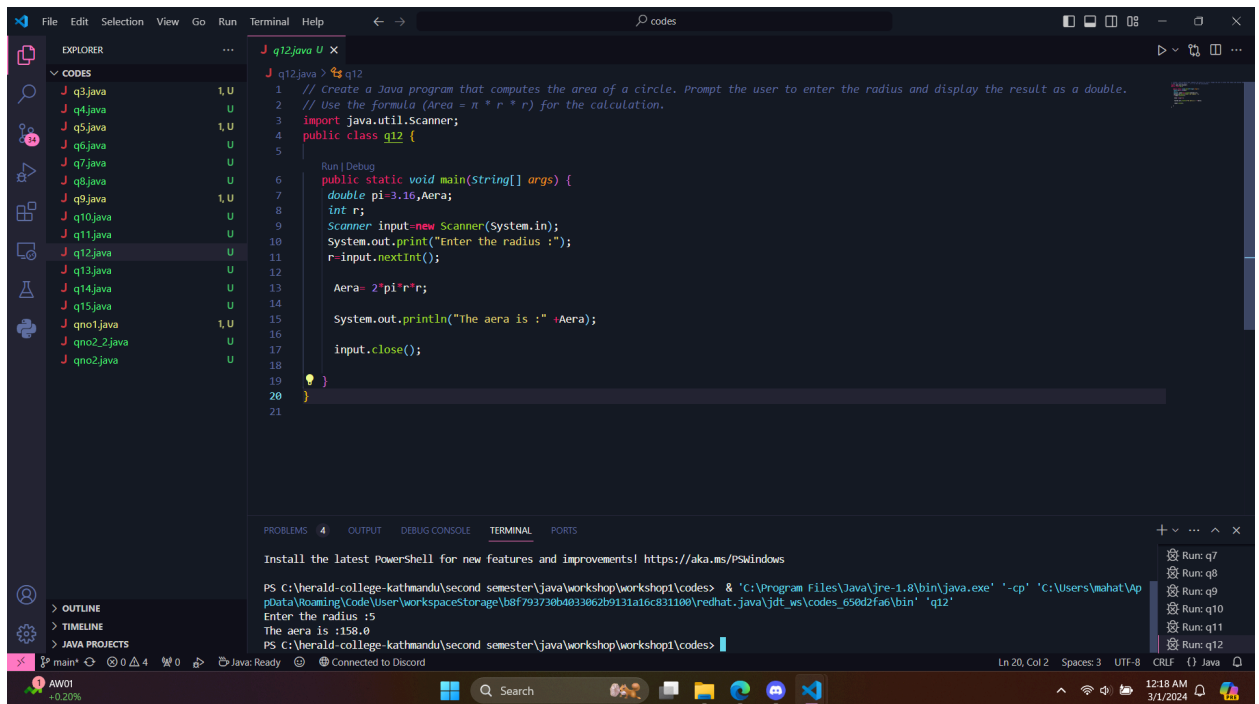
The screenshot shows an IDE with a file explorer on the left, a code editor in the center, and a terminal at the bottom. The code editor displays a Java program named `q11.java` that converts miles to kilometers. The program uses a `Scanner` to prompt the user for miles and then calculates the equivalent kilometers using the formula `kilogram = miles * 1.60934`. The terminal shows the execution of the program, where the user enters `122.112` miles, and the program outputs `The Kilogram is : 196.51972608`.

```
1 // Develop a Java program that converts miles to kilometers. Prompt the user to enter the distance in miles and display the equivalent dis
2
3 import java.util.Scanner;
4
5 public class q11 {
6     public static void main(String[] args) {
7         //formula for kilogram =miles*1.60934
8         double kilogram, miles;
9         Scanner input =new Scanner(System.in);
10        System.out.println("Enter the miles ");
11        miles =input.nextDouble();
12
13        kilogram =miles*1.60934;
14        System.out.println("The Kilogram is : "+ kilogram);
15        input.close();
16    }
17 }
18
19
```

Terminal Output:

```
PS C:\herald-college-kathmandu\second semester\java\workshop\workshop1\codes> & 'C:\Program Files\Java\jre-1.8\bin\java.exe' '-cp' 'C:\Users\mahat\Ap
pdata\Roaming\Code\User\workspaceStorage\b8f793730b4033062b9131a16c831100\redhat.java\jdt_ws\codes_650d2fa6\bin' 'q11'
Enter the miles
122.112
The Kilogram is : 196.51972608
PS C:\herald-college-kathmandu\second semester\java\workshop\workshop1\codes>
```

Create a Java program that computes the area of a circle. Prompt the user to enter the radius and display the result as a double. Use the formula ( $\text{Area} = \pi * r * r$ ) for the calculation.



The screenshot shows an IDE with a Java file named `q12.java` open. The code is as follows:

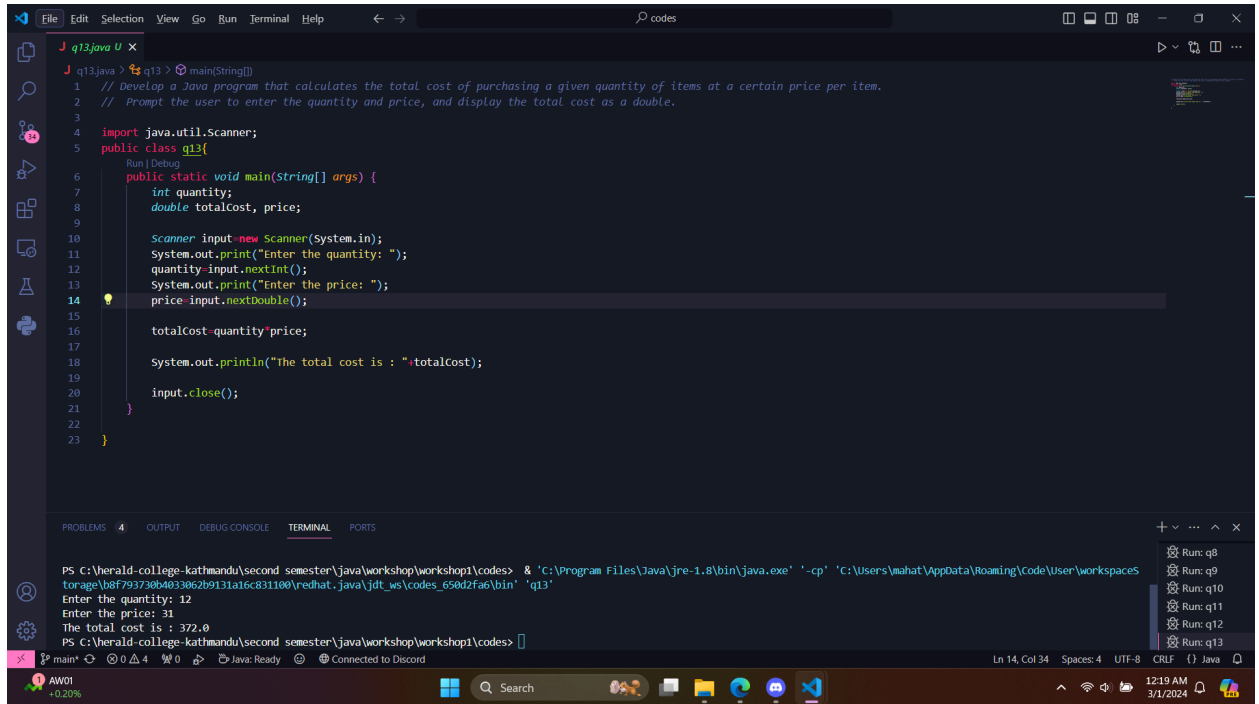
```
1 // Create a Java program that computes the area of a circle. Prompt the user to enter the radius and display the result as a double.  
2 // Use the formula (Area =  $\pi * r * r$ ) for the calculation.  
3 import java.util.Scanner;  
4 public class q12 {  
5  
6     public static void main(String[] args) {  
7         double pi=3.16,Aera;  
8         int r;  
9         Scanner input=new Scanner(System.in);  
10        System.out.print("Enter the radius :");  
11        r=input.nextInt();  
12  
13        Aera= 2*pi*r*r;  
14  
15        System.out.println("The aera is :"+Aera);  
16  
17        input.close();  
18    }  
19 }  
20  
21
```

The terminal output shows the execution of the program:

```
PS C:\herald-college-kathmandu\second semester\java\workshop\workshop1\codes> & 'C:\Program Files\Java\jre-1.8\bin\java.exe' '-cp' 'C:\Users\mahat\Ap  
pdata\Roaming\Code\User\workspaceStorage\b8f793730b4033062b9131a16c831100\redhat.java\jdt_ws\codes_65ed2fa6\bin' 'q12'  
Enter the radius :5  
The aera is :158.0  
PS C:\herald-college-kathmandu\second semester\java\workshop\workshop1\codes>
```

The status bar at the bottom indicates the file is at line 20, column 2, with 3 spaces, in UTF-8 encoding, and the file type is CRLF. The system clock shows 12:18 AM on 3/1/2024.

Develop a Java program that calculates the total cost of purchasing a given quantity of items at a certain price per item. Prompt the user to enter the quantity and price, and display the total cost as a double.



The screenshot shows an IDE with a Java file named `q13.java`. The code is as follows:

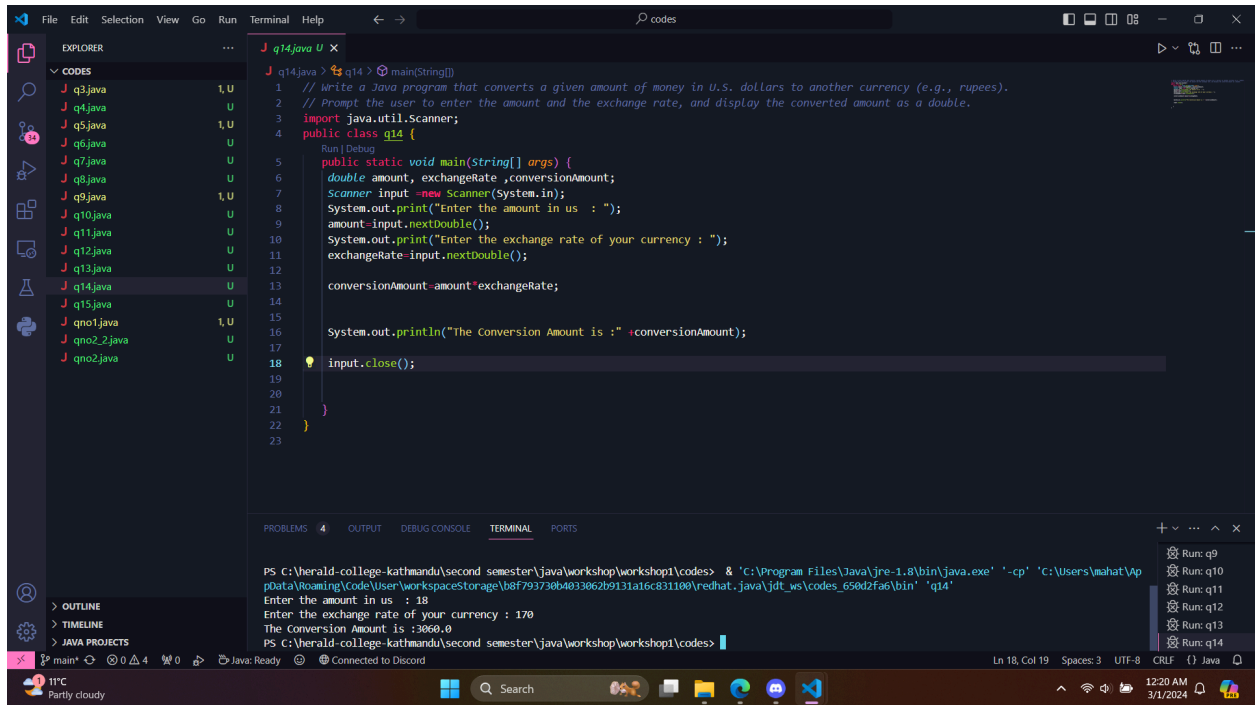
```
1 // Develop a Java program that calculates the total cost of purchasing a given quantity of items at a certain price per item.
2 // Prompt the user to enter the quantity and price, and display the total cost as a double.
3
4 import java.util.Scanner;
5 public class q13{
6     public static void main(String[] args) {
7         int quantity;
8         double totalCost, price;
9
10        Scanner input = new Scanner(System.in);
11        System.out.print("Enter the quantity: ");
12        quantity = input.nextInt();
13        System.out.print("Enter the price: ");
14        price = input.nextDouble();
15
16        totalCost = quantity * price;
17
18        System.out.println("The total cost is : " + totalCost);
19
20        input.close();
21    }
22 }
23 }
```

The terminal output shows the execution of the program:

```
PS C:\herald-college-kathmandu\second semester\java\workshop\workshop1\codes> & 'C:\Program Files\Java\jre-1.8\bin\java.exe' '-cp' 'C:\Users\mahat\AppData\Roaming\Code\User\workspaces\torage\b8f793730b033062b9131a16c831100\redhat.java\jdt_ws\codes_650d2fa6\bin' 'q13'
Enter the quantity: 12
Enter the price: 31
The total cost is : 372.0
PS C:\herald-college-kathmandu\second semester\java\workshop\workshop1\codes>
```

The status bar at the bottom indicates the current position is Line 14, Column 34, with 4 spaces, UTF-8 encoding, and CRLF line endings. The system clock shows 12:19 AM on 3/1/2024.

Write a Java program that converts a given amount of money in U.S. dollars to another currency (e.g., rupees). Prompt the user to enter the amount and the exchange rate, and display the converted amount as a double.



The screenshot shows an IDE with a Java program for currency conversion. The program is named `q14.java` and is located in the `codes` directory. The code is as follows:

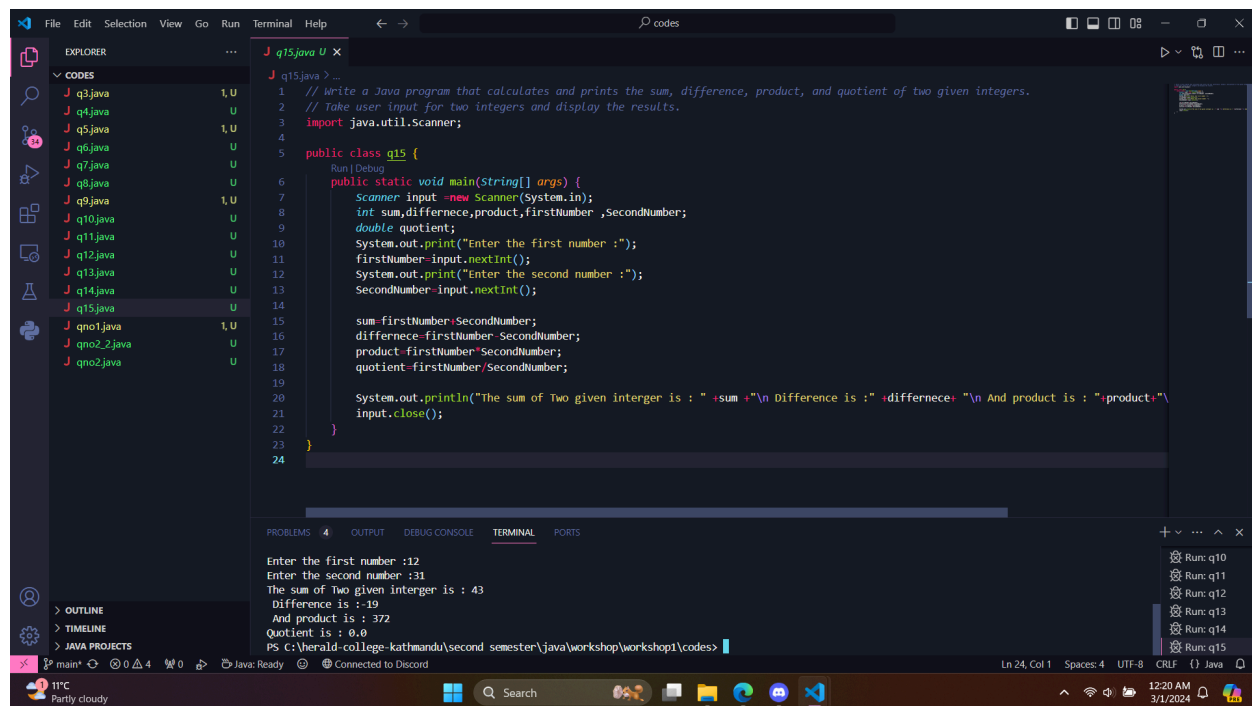
```
1 // Write a Java program that converts a given amount of money in U.S. dollars to another currency (e.g., rupees).
2 // Prompt the user to enter the amount and the exchange rate, and display the converted amount as a double.
3 import java.util.Scanner;
4 public class q14 {
5     public static void main(String[] args) {
6         double amount, exchangeRate, conversionAmount;
7         Scanner input = new Scanner(System.in);
8         System.out.print("Enter the amount in us : ");
9         amount = input.nextDouble();
10        System.out.print("Enter the exchange rate of your currency : ");
11        exchangeRate = input.nextDouble();
12
13        conversionAmount = amount * exchangeRate;
14
15        System.out.println("The Conversion Amount is : " + conversionAmount);
16
17        input.close();
18    }
19 }
20
21
22
23
```

The terminal output shows the execution of the program:

```
PS C:\herald-college-kathmandu\second semester\java\workshop\workshop1\codes> java -cp 'C:\Program Files\Java\jre-1.8\bin\java.exe' -cp 'C:\Users\mahat\AppData\Roaming\Code\User\workspaceStorage\b8f793730b4033062b9131a16c831100\redhat.java\jdt_ws\codes_650d2fa6\bin' 'q14'
Enter the amount in us : 18
Enter the exchange rate of your currency : 170
The Conversion Amount is : 3060.0
PS C:\herald-college-kathmandu\second semester\java\workshop\workshop1\codes>
```

The IDE interface includes a sidebar with a file explorer showing a list of files, a main editor area with the code, and a bottom panel with tabs for PROBLEMS, OUTPUT, DEBUG CONSOLE, and TERMINAL. The status bar at the bottom indicates the current line and column (Ln 18, Col 19), the number of spaces (3), the encoding (UTF-8), and the line ending (CRLF).

Write a Java program that calculates and prints the sum, difference, product, and quotient of two given integers. Take user input for two integers and display the results.



The screenshot shows an IDE with a Java program named `q15.java` open. The program prompts the user for two integers and calculates their sum, difference, product, and quotient. The terminal output shows the results for inputs 12 and 31.

```
1 // Write a Java program that calculates and prints the sum, difference, product, and quotient of two given integers.
2 // Take user input for two integers and display the results.
3 import java.util.Scanner;
4
5 public class q15 {
6     public static void main(String[] args) {
7         Scanner input = new Scanner(System.in);
8         int sum, difference, product, firstNumber, SecondNumber;
9         double quotient;
10        System.out.print("Enter the first number :");
11        firstNumber = input.nextInt();
12        System.out.print("Enter the second number :");
13        SecondNumber = input.nextInt();
14
15        sum = firstNumber + SecondNumber;
16        difference = firstNumber - SecondNumber;
17        product = firstNumber * SecondNumber;
18        quotient = firstNumber / SecondNumber;
19
20        System.out.println("The sum of Two given interger is : " + sum + "\n Difference is : " + difference + "\n And product is : " + product + "\n Quotient is : " + quotient);
21        input.close();
22    }
23 }
24
```

Terminal Output:

```
Enter the first number :12
Enter the second number :31
The sum of Two given interger is : 43
Difference is : 19
And product is : 372
Quotient is : 0.0
```

PS C:\herald-college-kathmandu\second semester\java\workshop\workshop1\codes>