

Java first program CWH > src > program1 > main

program1

program1.java

```
1 public class program1 {
2     public static void main(String[] args) {
3         int a=4;
4         if (a%2==0){
5             System.out.println("The number is even");
6         }
7         else {
8             System.out.println("The number is odd");
9         }
10    }
11 }
12
```

Run: program1

```
"C:\Program Files\Java\jdk-17.0.1\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.2.3\lib\idea_rt.jar=57210:C:\Program Files\JetBrains\I
The number is even

Process finished with exit code 0
```

Run TODO Problems Terminal Build

Event Log

Build completed successfully in 3 sec, 640 ms (moments ago)

2:45 CRLF UTF-8 4 spaces

Type here to search

30°C Light rain 11:36 23-06-2022

```

1  import java.util.Scanner;
2
3  public class program2 {
4      public static void main(String[] args) {
5          int i, n;
6          Scanner sc= new Scanner(System.in);
7          System.out.println("Enter a number");
8          n=sc.nextInt();
9          i=2;
10         while (i<=n){
11             if (n%i==0){
12                 System.out.println("factor:"+i);
13             }i++;
14         }
15     }
16 }
17

```

Run: program2

```

"C:\Program Files\Java\jdk-17.0.1\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.2.3\lib\idea_rt.jar=57245:C:\Program Files\JetBrains\
Enter a number

68
factor:2
factor:4
factor:17
factor:34
factor:68

```

```
1 import java.util.Scanner;
2
3 public class Program3 {
4     public static void main(String[] args) {
5         int side, area;
6         Scanner sc=new Scanner(System.in);
7         System.out.println("Enter side of square");
8         side=sc.nextInt();
9         area=side*side;
10        System.out.println("area of square:"+area);
11    }
12
13
14
15
16 }
17
18 }
```

Run: Program3

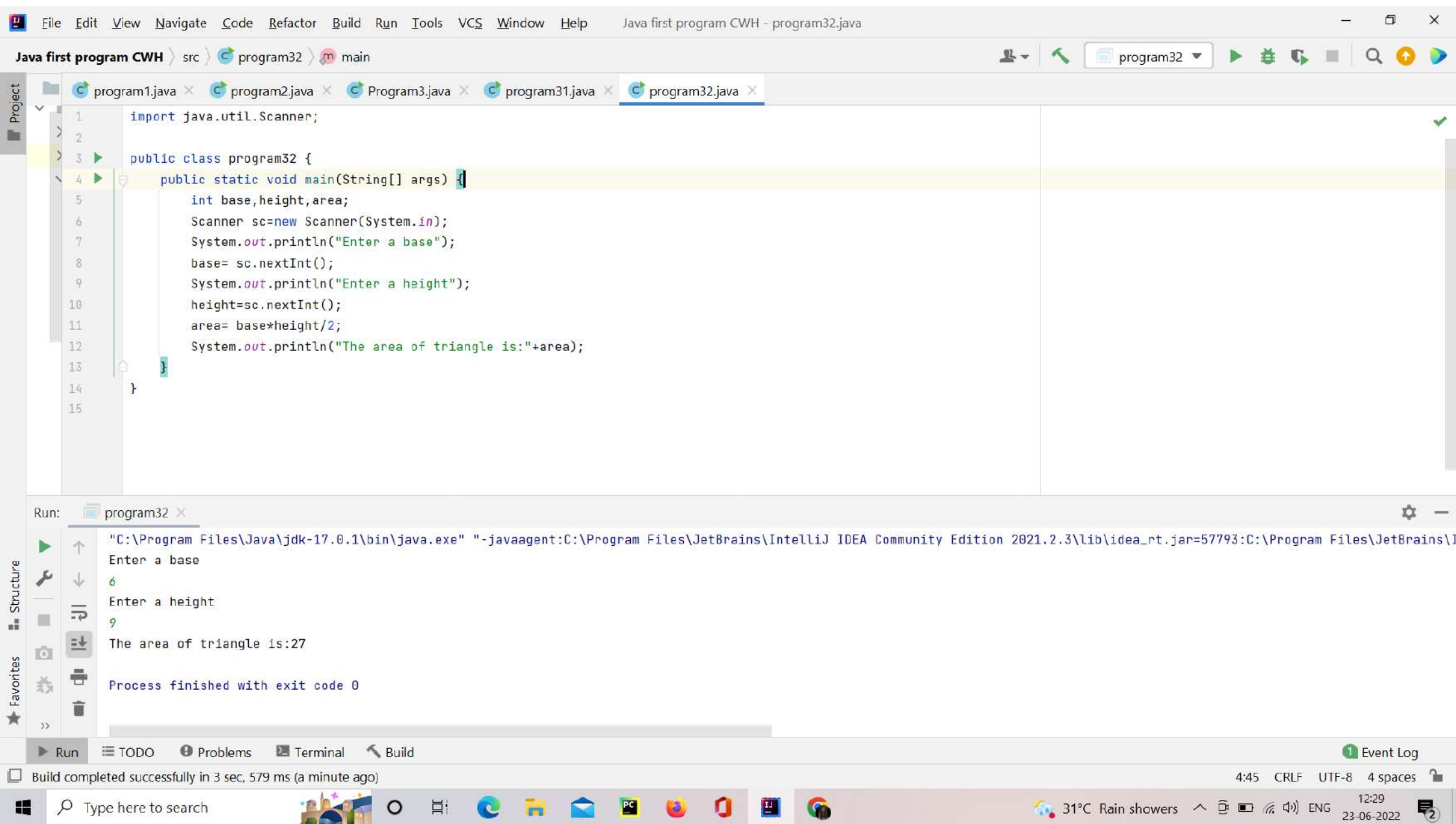
```
"C:\Program Files\Java\jdk-17.0.1\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.2.3\lib\idea_rt.jar=57755:C:\Program Files\JetBrains\I
Enter side of square
6
area of square:36
Process finished with exit code 0
```

```
1 import java.util.Scanner;
2
3 public class program31 {
4     public static void main(String[] args) {
5         int length,width,area;
6         Scanner sc= new Scanner(System.in);
7         System.out.println("enter a length");
8         length= sc.nextInt();
9         System.out.println("enter a width");
10        width= sc.nextInt();
11        area= length*width;
12        System.out.println("area of rectangle :"+area);
13    }
14 }
15
```

```
"C:\Program Files\Java\jdk-17.0.1\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.2.3\lib\idea_rt.jar=57781:C:\Program Files\JetBrains\I
enter a length
5
enter a width
8
area of rectangle :40

Process finished with exit code 0
```

Build completed successfully in 3 sec, 894 ms (a minute ago)



Java first program CWH > src > Program4 > hava > smallest

program1.java x program2.java x Program3.java x program31.java x program32.java x hava.java x

```
1 package Program4;
2
3 public class hava {
4
5     public static void main(String[] args) {
6         System.out.println("The smallest number is: " + smallest(a: 23, b: 55, c: 89));
7     }
8
9     static int smallest(int a, int b, int c) {
10         int check;
11         if (a < b) {
12             if (c < a) {
13                 check = c;
14             } else {
15                 check = a;
16             }
17         } else {
18             if (b < c) {
19                 check = b;
20             } else {
21                 check = c;
22             }
23         }
24     }
25 }
```

Run: hava x

```
"C:\Program Files\Java\jdk-17.0.1\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.2.3\lib\idea_rt.jar=57897:C:\Program Files\JetBrains\I
The smallest number is: 23

Process finished with exit code 0
```

Run TODO Problems Terminal Build

Build completed successfully in 3 sec, 475 ms (moments ago)

Event Log

Type here to search

12:29 CRLF UTF-8 4 spaces

31°C Rain showers 12:42 23-06-2022

Java first program CWH - program5.java

Java first program CWH > src > program5 > Leap

Project File...

- src
 - com
 - factorialrecursive
 - java
 - Program4
 - hava
 - cs_arm
 - cs_factor
 - cs_loop
 - cs_loop1
 - cs_pattern
 - cs_reverse
 - cs_simpleinterest
 - CWH_05_Taking user input
 - cwh_16_conditionals
 - method1
 - methods
 - program1
 - program2
 - Program3

```
1 public class program5 {  
2  
3     public static void main(String[] args) {  
4         int year = 1997;  
5         Leap(year);  
6     }  
7  
8     static int Leap(int n) {  
9         if (n % 4 == 0)  
10            System.out.println(n + " is a leap year.");  
11        else  
12            System.out.println(n + " is not a leap year.");  
13        return 0;  
14    }  
15 }  
16  
17
```

Run: program5

"C:\Program Files\Java\jdk-17.0.1\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.2.3\lib\idea_rt.jar=57912:C:\Program Files\JetBrains\I" 1997 is not a leap year.

Process finished with exit code 0

Run TODO Problems Terminal Build

All files are up-to-date (moments ago)

9:28 CRLF UTF-8 4 spaces

31°C Rain showers 12:46 23-06-2022

Java first program CWH > src > prog3 > main

```
public class prog3 {  
    public static void main(String[] args) {  
        int[] a={1,45,78,54,9};  
        int minimum=a[0];  
        for (int i=0;i<a.length;i++)  
        {  
            if (a[i]<minimum)  
                minimum=a[i];  
        }  
        System.out.println("lowest element is:"+minimum);  
    }  
}
```

Run: prog3 x 1
"C:\Program Files\Java\jdk-17.0.1\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.2.3\lib\idea_rt.jar=57999:C:\Program Files\JetBrains\I
lowest element is:1
Process finished with exit code 0

Run TODO Problems Terminal Build

Build completed successfully in 5 sec, 10 ms (a minute ago)

FileEditViewNavigateCodeRefactorBuildRunToolsVCSWindowHelpJava first program CWH - assprogram2.java

Java first program CWH > src > assprogram2 > main

Project Files

Java first program CWH C:\Users\DELL\src> .idea> out> src> com> factorialrecursive> java> Program4> hava> assprogram2> cs_arm> cs_factor> cs_loop> cs_loop1> cs_pattern> cs_reverse> cs_simpleinterest> CWH_05_Taking user input> cwh_16_conditionals> method1

1 public class assprogram2 {2 public static void main(String[] args) {3 int [] a = { 6,8,9,5,2 };4 int sum = 0;5 for (int i = 0; i < 5; i++) {6 sum = sum + a[i];7 }8 System.out.println("The sum of all elements of the array are: " + sum);9 }10 }111213

assprogram2

Run: assprogram2

"C:\Program Files\Java\jdk-17.0.1\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.2.3\lib\idea_rt.jar=58037:C:\Program Files\JetBrains\I...The sum of all elements of the array are: 30Process finished with exit code 0

Run

TODO

Problems

Terminal

Build

Event Log

All files are up-to-date (moments ago)

8:84 CRLF UTF-8 4 spaces

Type here to search

30°C Rain showers

13:0823-06-2022

