



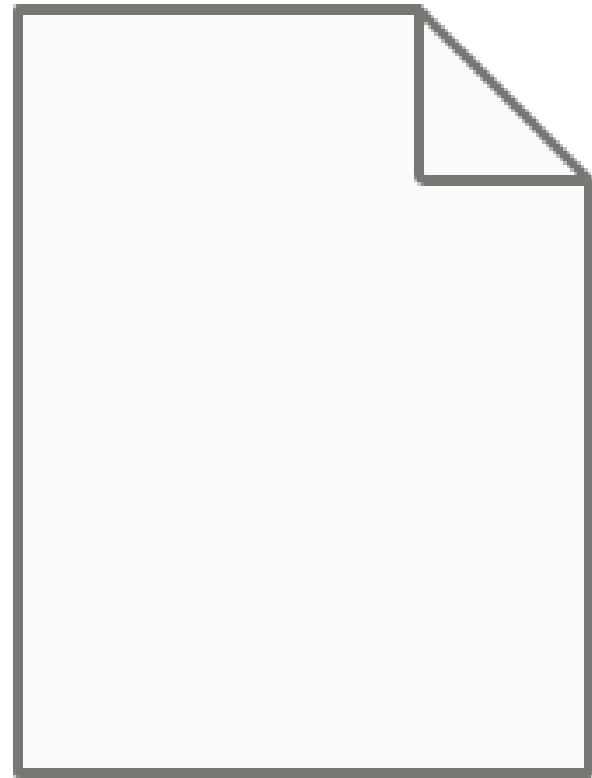
Fundamentos de Java

Parte 1

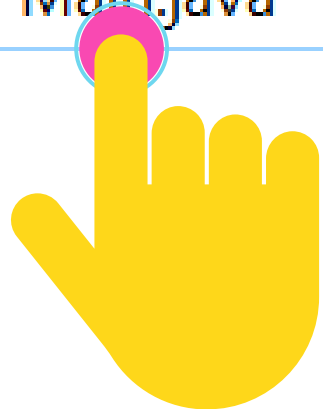
Presenta

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Main.java



```
public class Main {
    no usages
    public static void main(String[] args) {
        System.out.println("Hello world!");
    }
}
```

```

1  ▶ public class Main {
    no usages
2  ▶ public static void main(String[] args) {
3
4  int a = 123;
5  int b = 456;
6  int c = a + b;
7
8  System.out.println(a + "+" + b + "=" + c);
9
10 }
11 }

```

Run: Main ×

```

D:\Java\jdk-19\bin\java.exe -javaagent:D:\IntelliJ\l
123+456=579

Process finished with exit code 0





```


```

1  ▶ public class Main {
    no usages
2  ▶  public static void main(String[] args) {
3
4      String message1 = "Hello";
5      String message2 = "world";
6      String message3 = message1 + " " + message2;
7
8      System.out.println(message3);
9
10 }
11 }

```

Run: Main ×

D:\Java\jdk-19\bin\java.exe -javaagent:D:\IntelliJ\lib\idea_rt.jar=1213:D:\Java\jdk-19\bin Hello world

Process finished with exit code 0

```

1 ▶ public class Main {
    no usages
2 ▶   public static void main(String[] args) {
3
4       int a = 123;
5       int b = 456;
6       int c = a + b;
7       String result = String.format("Result: %d + %d = %d", a, b, c);
8
9       System.out.println(result);
10
11   }
12 }

```



Run: Main ×

```

D:\Java\jdk-19\bin\java.exe -javaagent:D:\IntelliJ\lib\idea_rt.jar=41437:
Result: 123 + 456 = 579


Process finished with exit code 0

```

```

1  import java.util.Scanner;
2
3  no usages
3  ▶ public class Main {
4      no usages
4  ▶  public static void main(String[] args) {
5
6      int a;
7      int b;
8
9      Scanner scanner = new Scanner(System.in);
10
11     a = scanner.nextInt();
12     b = scanner.nextInt();
13
14     int c = a + b;
15
16     System.out.printf("Result: %d + %d = %d %n", a, b, c);
17
18 }
19 }

```



```

1  import java.io.File;
2  import java.util.Scanner;
3
4  no usages
5  public class Main {
6      no usages
7      public static void main(String[] args) {
8
9          int a;
10         int b;
11
12         File file = new File("D:\\data\\sum.txt");
13         Scanner scanner = new Scanner(file);
14
15         a = scanner.nextInt();
16         b = scanner.nextInt();
17
18         int c = a + b;
19
20         System.out.printf("Result: %d + %d = %d %n", a, b, c);

```

```
int a;
int b;
```

```
File file = new File(pathname: "D:\\data\\sum.txt");
Scanner scanner = new Scanner(file);
```

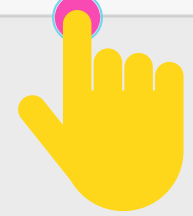
```
a = scanner.nextInt();
b = scanner.nextInt();
```

```
int c = a + b;
```

```
System.out.printf("Result:");
```

Unhandled exception **java.io.FileNotFoundException**

[Add exception to method signature](#) Alt+Mayús+Intro [More actions...](#) Alt+Intro

 **java.util.Scanner**

```
public Scanner(
    @NotNull java.io.File source
)
throws java.io.FileNotFoundException
```

Constructs a new Scanner that produces values scanned from the specified file. Bytes from the file are converted into characters using the [default charset](#).

Params: **source** – A file to be scanned

Throws: [FileNotFoundException](#) – if source is not found

See Also: [Charset.defaultCharset\(\)](#)

< 19 >


```
int a;
int b;
```

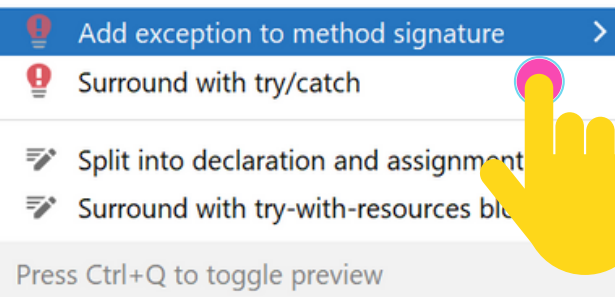
```
File file = new File(pathname: "D:\\data\\sum.txt");
```

```
Scanner scanner = new Scanner(file);
```

```
a = scanner.nextInt();
b = scanner.nextInt();
```

```
int c = a + b;
```

```
System.out.printf("Result: %d + %d = %d %n", a, b, c);
```



```
2 import java.io.FileNotFoundException;
5 public static void main(String[] args)
   throws FileNotFoundException {
```

```

public static void main(String[] args) throws FileNotFoundException {

    int a;
    int b;

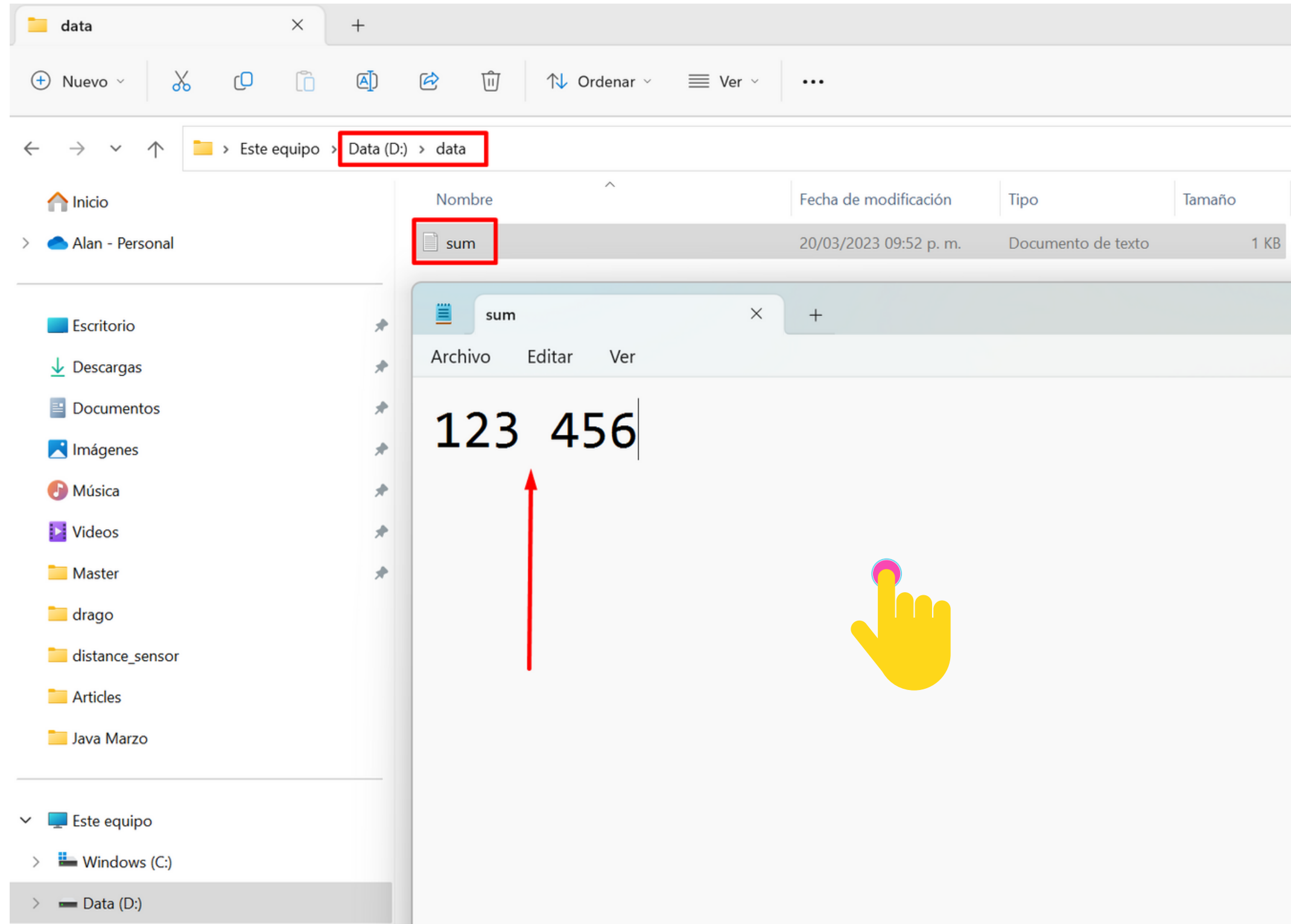
    File file = new File("D:\\data\\sum.txt");
    Scanner scanner = new Scanner(file);

    a = scanner.nextInt();
    b = scanner.nextInt();

    int c = a + b;

    System.out.printf("Result: %d + %d = %d %n", a, b, c);

```



Run: Main ×

```

D:\Java\jdk-19\bin\java.exe -javaagent:
Result: 123 + 456 = 579
Process finished with exit code 0
|

```

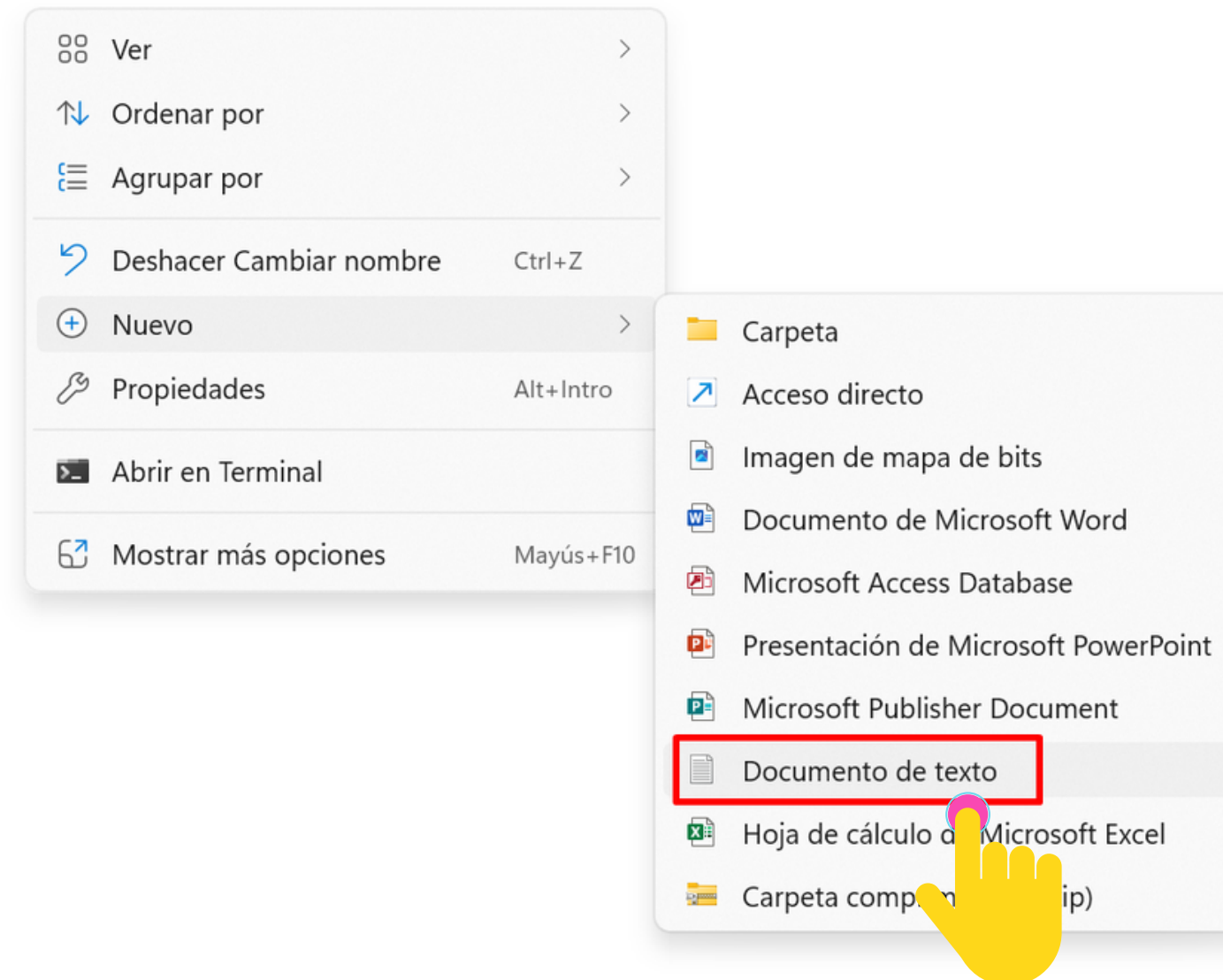
```
String name;  
double price;  
int quantity;
```

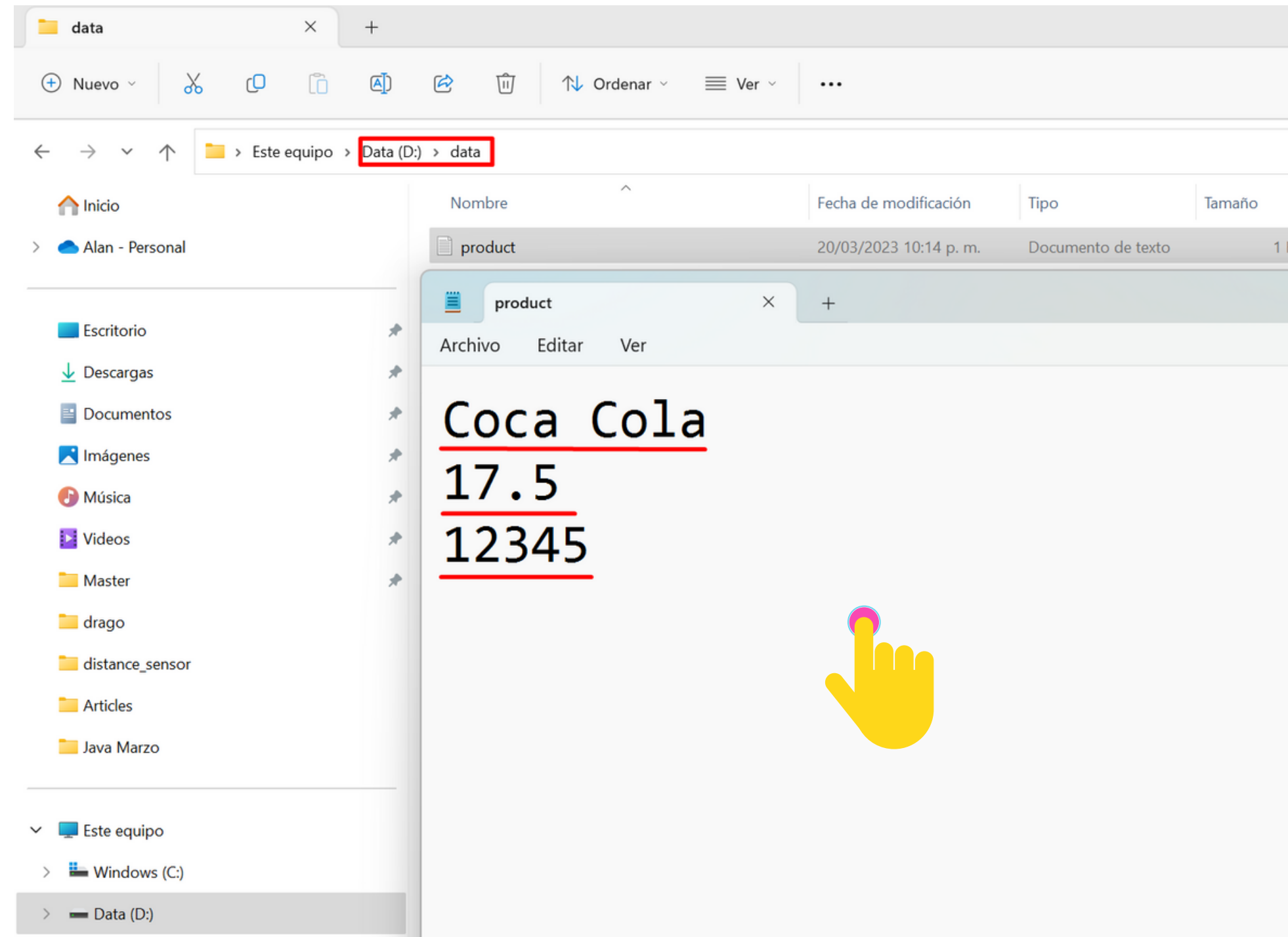
```
File file = new File( pathname: "D:\\data\\product.txt");  
Scanner scanner = new Scanner(file);
```



```
name = scanner.nextLine();  
price = scanner.nextDouble();  
quantity = scanner.nextInt();
```

```
System.out.println("Product:");  
System.out.println("-----");  
System.out.printf("Name: %s %n", name);  
System.out.printf("Price: %.2f %n", price);  
System.out.printf("Quantity: %d %n", quantity);  
System.out.println("-----");
```





Product:

Name: Coca Cola

Price: 17.50

Quantity: 12345

Process finished with exit code 0

