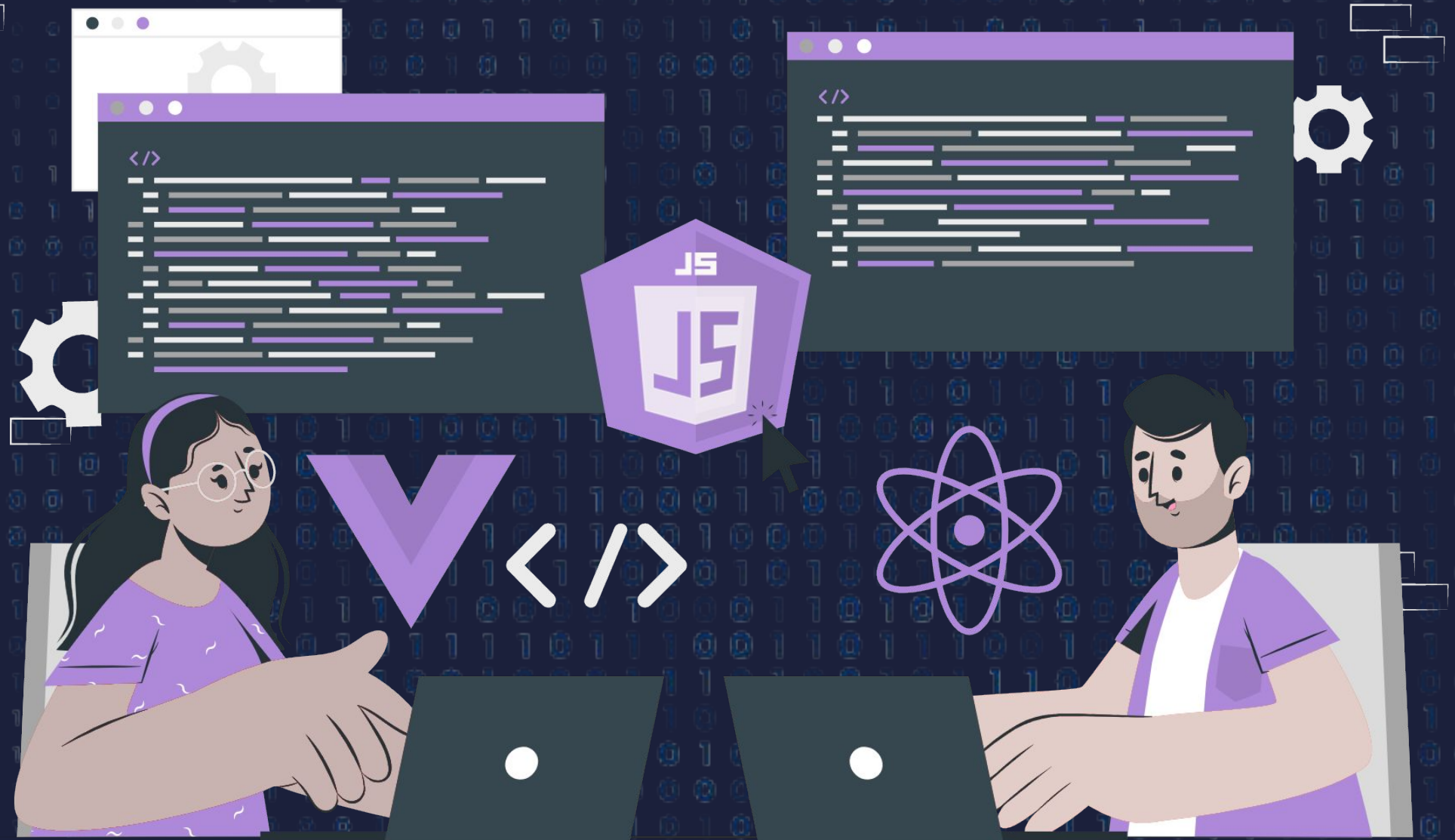




Use of try-catch in real-world Application



Lecture CheckList

1. Uses of exception handling.
2. Implementation of try-catch.
3. Implementation of try-catch-finally.
4. Error object.
5. User-defined errors.

Uses of exception handling

There are many uses of using exception handling in our programs. Some of them include:

- Using exception handling will help us to deal with the errors properly and avoids the code from crashing and keeps the code running smoothly.
- We have a clear understanding of what's happening inside the code, if any error is encountered we can get some error messages which give us some information on what's happening inside our code.
- Exception handling makes it easier to debug your code. By catching exceptions, we can know the exact location where the error occurred and take appropriate action.

Considering the above examples it is always advised to use exception handling in all of the complex code we write.

Implementation of try-catch

Error Object

The Error which is passed as a parameter to the catch block has some useful properties like

- name: return the name of the error.
- message: return the error message.

Implementation of try-catch-finally

User-defined Errors

We can throw a new error by using the "throw" keyword, followed by a new Error object. The Error object can contain an error message, which will be displayed when the error is caught.



▶ THANK YOU ◀