# Error handling

## Unrecoverable errors

panic!

## Recoverable errors

- Result

- ? operator

  - Error values that have the ? operator called on them go through the from function, defined in the From trait in the standard library, which is used to convert values from one type into another

  - When the ? operator calls the from function, the error type received is converted into the error type defined in the return type of the current function

  - The ? operator can only be used in functions whose return type is compatible with the value the ? is used on

  - This is because the ? operator is defined to perform an early return of a value out of the function

  - The return type of the function has to be compatible with this return.