



JONAS.IO
SCHMEDTMANN

THE COMPLETE JAVASCRIPT COURSE

FROM ZERO TO EXPERT!



@JONASSCHMEDTMAN

SECTION

DEVELOPER SKILLS & EDITOR SETUP

LECTURE

DEBUGGING (FIXING ERRORS)

JS

WHAT IS A SOFTWARE BUG?

👉 **Software bug:** Defect or problem in a computer program. Basically, any **unexpected or unintended behavior** of a computer program is a software bug.

👉 Bugs are **completely normal** in software development!

👉 Previous example: "We need a function that reverses whatever we pass into it"

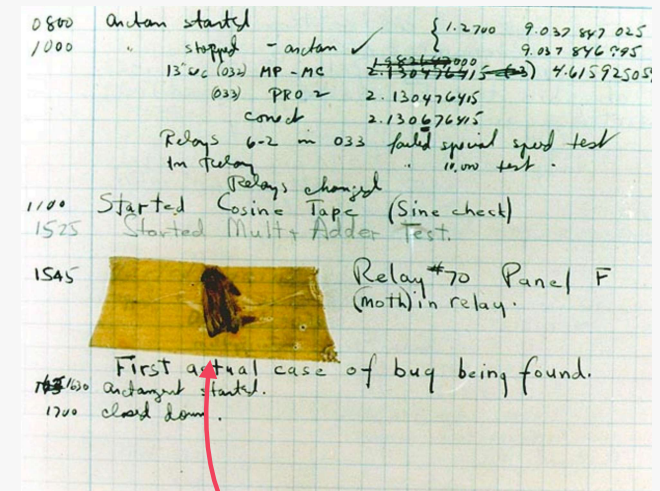
`reverse([1, 3, 5, 7])`



`[5, 1, 7, 3]`

Unexpected result: the array is scrambled, NOT reversed. So there is a **bug** in the reverse function 🐛

👉 **Debugging:** Process of finding, fixing and preventing bugs.



A real bug which was causing an error in Harvard's computer in the 1940s

THE DEBUGGING PROCESS

