Open Project Guidelines/Requirements

CSE 307

Motivation

To avoid accusations of AI cheating, college students are turning to AI

Students are taking new measures, such as du...
using AI "humanizer" programs, to beat accus...

May 26, 2025 - Technology

AI cheating surge pushes schools into chaos

Kicked out of Columbia, this student doesn't plan to stop trolling big tech with AI
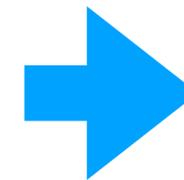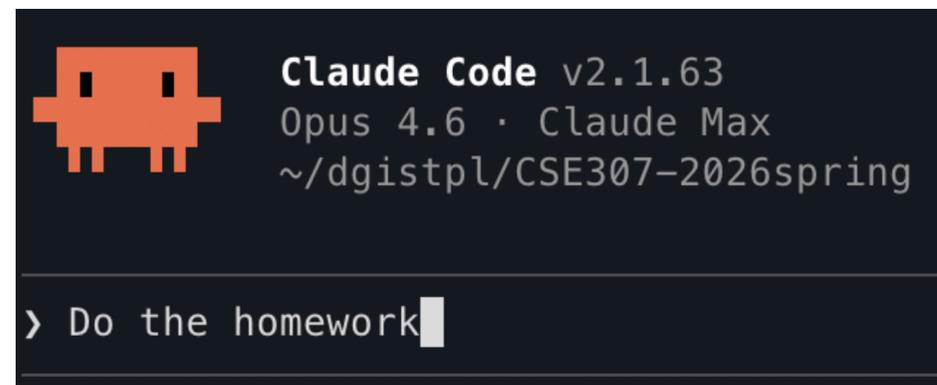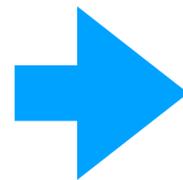
Roy Lee built an AI app that he claims got him internship offers from the likes of Amazon and Meta. A spokesperson for Columbia declined to comment on individual students.
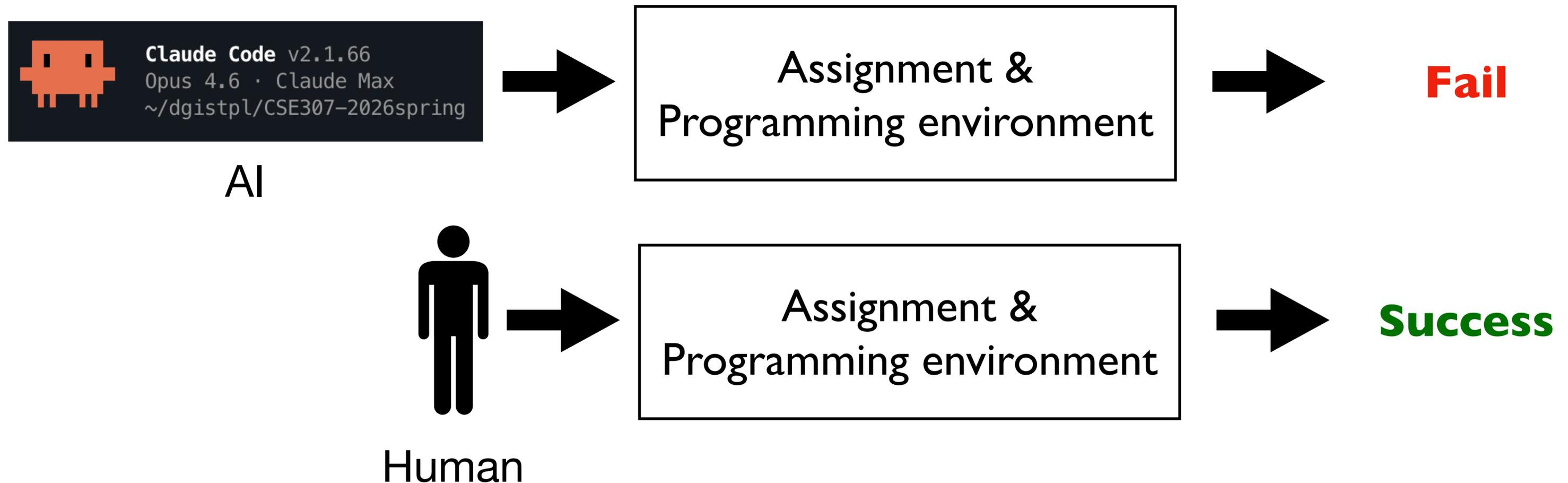
Motivation

- Assignment repository: https://github.com/dgistpl/CSE307-2026spring
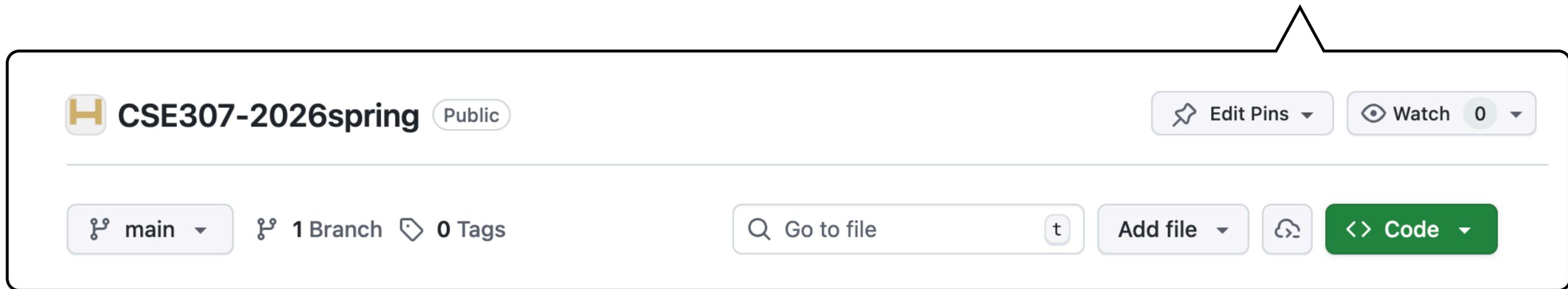

```
(* prime : int -> bool *)
(* Check whether a number is prime. *)
let prime (n : int) : bool =
  failwith "TODO"
```

Claude Code v2.1.63
Opus 4.6 · Claude Max
~/dgistpl/CSE307-2026spring

> Do the homework

```
let prime (n : int) : bool =
  if n < 2 then false
  else
    let rec check d =
      if d * d > n then true
      else if n mod d = 0 then false
      else check (d + 1)
    in
    check 2
```
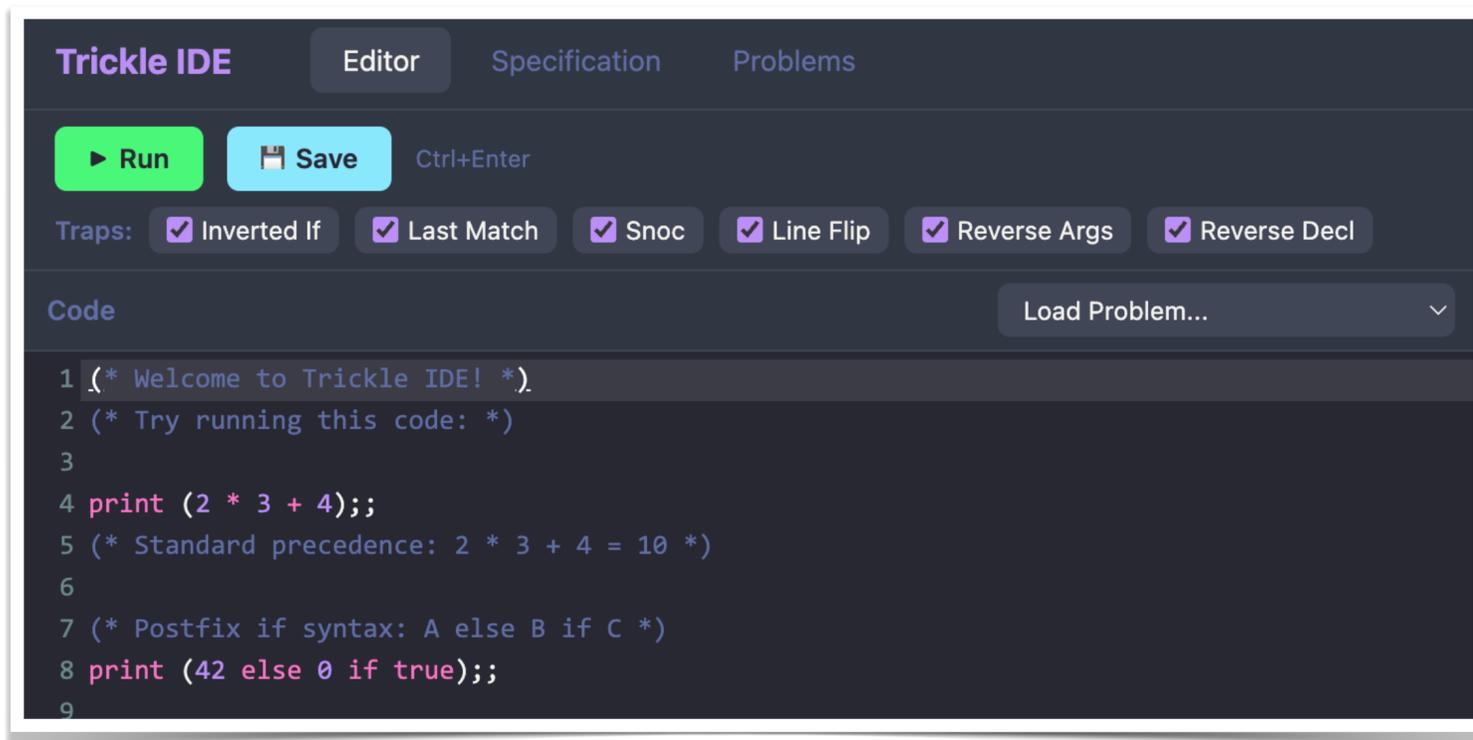
Goal

- Design a programming language & programming environment for cheating-free assignments
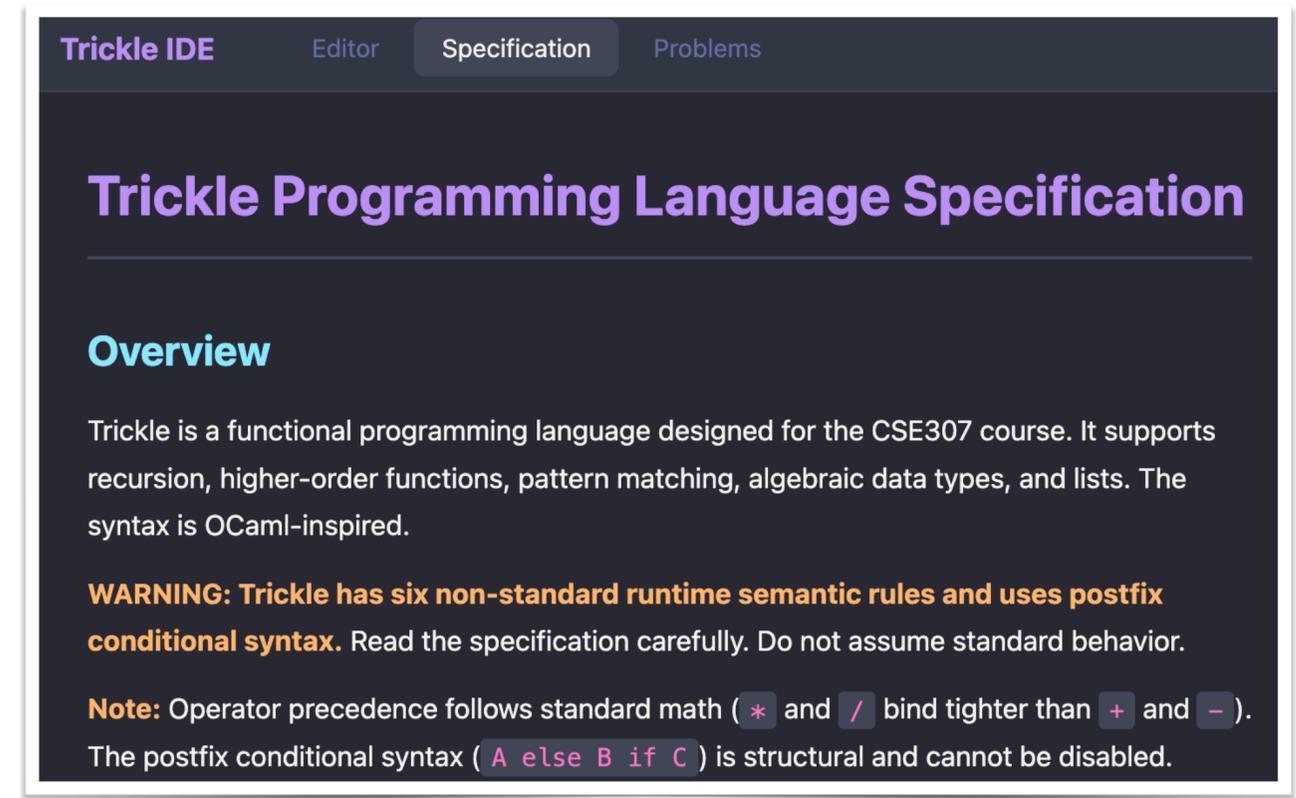
- Assignment uses problems in: https://github.com/dgistpl/CSE307-2026spring

Example Environment: Web Programming

Provide editor

Provide specification

Constraints

- You can do the project as a team of up to two people

- You can use any tools to do the open project!

  (e.g., You can freely use AI to do the project)

Reward

- If you successfully complete the project, you will receive a higher grade.

For example:

D- → C-		C- → B-		B- → A-		
D → C		C → B		B → A		
D+ → C+		C+ → B+		B+ → A+		