https://eduassistpro.github.io/

Add We Charle edu_assist_pro

Administrivia

The IO Type

A procedure that performs some side effects, returning a result of type a is written as

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IO a is an abstra

External Effects

https://eduassistpro.github.io/

(that's how it's implemented in GHC)

```
(>>=) :: 10 Add->WeChat edu_assist_pro
```

getChar :: IO Char
readLine :: IO String
putStrLn :: String -> IO ()

Two-player Tic-Tac-Toe

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Example

External Effects

Simple two-pla https://eduassistpro.github.io/

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State Monads

Assignment Project Exam Help newtype State s a = State (s -> (s, a))

```
State Monad
get :: State https://eduassistpro.github.io/
put :: s -> State s ()
modify :: (s -> s) -> State s ()
```

Here we use a Add terwe Circle at edu ouassist_pro don't need to manually plumb data around.

Tic-Tac-Toe A.I.

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Example

Adding A.Is for hittps://eduassistpro.github.io/

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QuickChecking Monads

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```
QuickCheck lets u ce:

monadicIO :: https://eduassistpro.github.io/
pre :: Bool -> PropertyM IO ()

run :: IO a d WeChat edu_assist_pro
```

Testing a Tic-Tac-Toe A.I

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Example

Testing A.Is for https://eduassistpro.github.io/

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Homework

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- Next week is fl
- Last week https://eduassistpro.github.io/
- The fourth p days).
- This week's Aujalis Weight at week assist_pro

Consultations

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- Poll on Piazz
- Tomorro https://eduassistpro.github.io/
- Make sure to join the queue on Hopper. Be ready to share you (ghci or stackfrom Weichfatt edu_assist_pro