Programering

Et billede, der indeholder tekst

Automatisk genereret beskrivelse

Proof by induction is we need to prove that the claim is true from .

First, we test for 1 (base case)

We insert 1

It can go through the assert because =true

Does not do the if statement because 1 aren’t over 1=false

So we go to the else statement where it returns

Then we prove that the claim is true for the inductive step.

We insert 2

Assert is tried because 2>=1=trye

Does do the statement 2>1=true

Returns=true