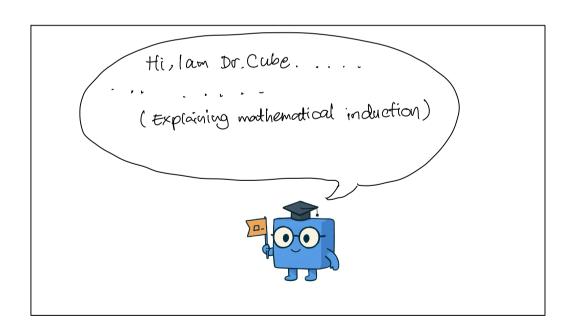
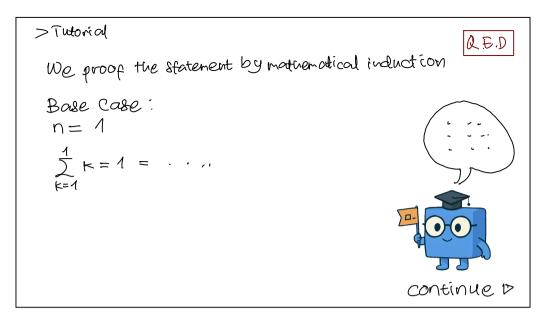
	Madhematical	Induction
Tutorial		
Exercise	1	
	•	
Final Exe		

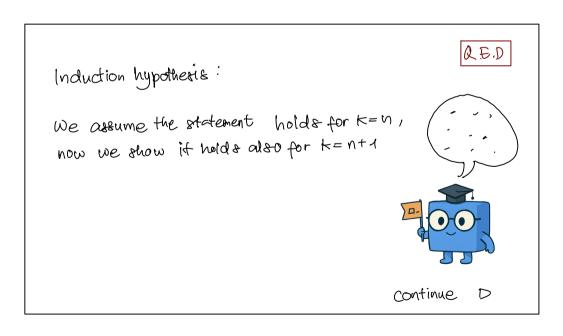
Page 1: Mathematical Induction Main Page



Page 2.1: Tutorial Introduction by Dr. Cube



Page 2.2: Base Case



Page 2.3: Induction Hypothesis

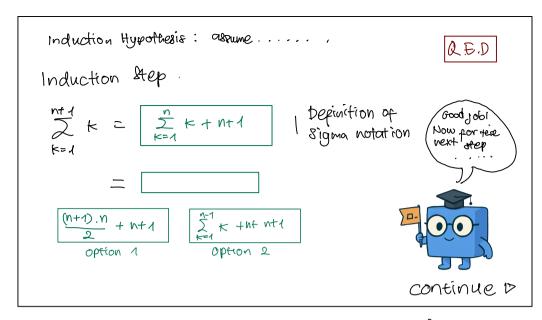
Induction Step:		QED
$\sum_{k=1}^{n} k = 1$ $\sum_{k=1}^{n} k + n + 1$ option 1	n+1+ n+ + 1 Option 2	what representation of again notation should we use?

Page 2.4: Induction Step

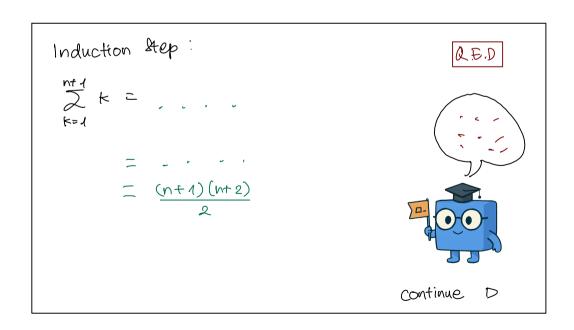
Induction Hypothesis: assume	Q.E.D
nf1 K=1	Think again about using induction hypothesis
$ \begin{array}{c c} $	
	continue D

Page 2.4a: Induction Step

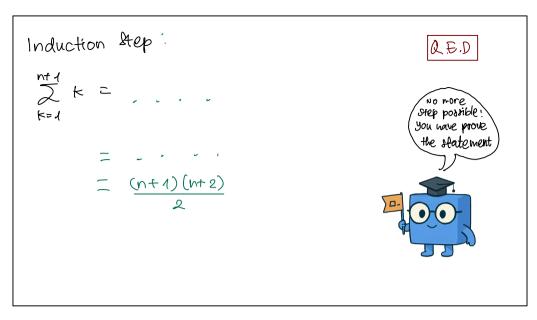
Wrong Input



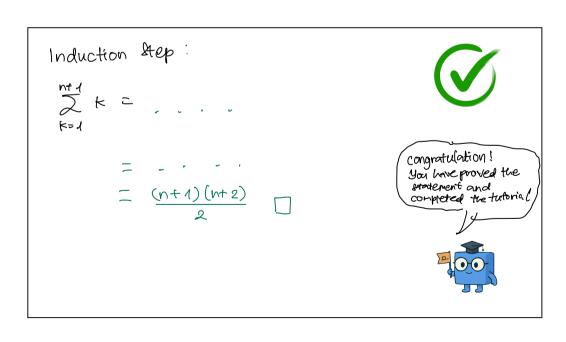
Page 2.45: induction Hep right input



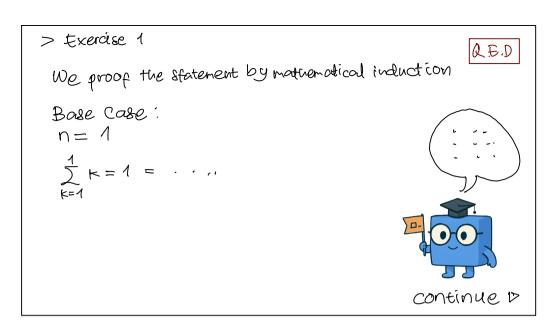
Page 2.3: End of the proof



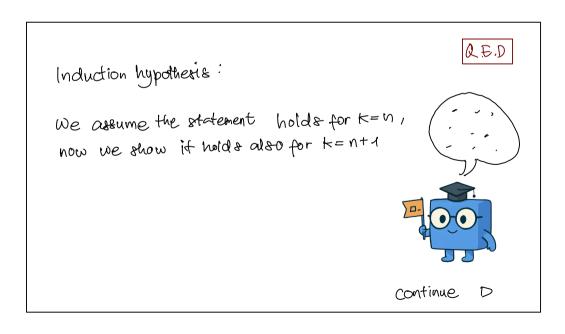
Page 2.25. End of the proof but user chose to continue



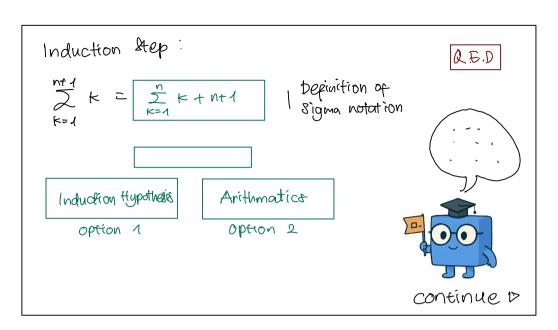
Page 2.3: End of the proof right input



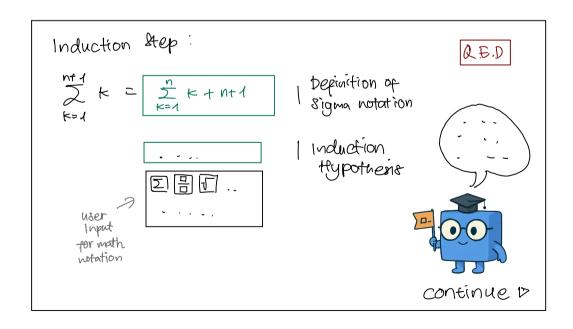
Page 3.1: Base Case



Page 3.2: Induction Hypothesis



Page 3.3: Induction Step with scaffolded option



Page 8.4: Induction step with user own input and correct option chosen