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Question

[ED Coder](#) · Aug 30, 2019

## How to get number of segments in a hl7 message and then pull a field value from the last segment

Hi, Is there a way to count the number of segments in a HL7 Message? I tried the examples from the other answers but nothing works for me.

I am writing a function to get the last OBX segment field value 5. Below is a sample screenshot of what I want.

1	MSH		^~\&	
2	PID		1	.
3	PV1		1	
4	ORC		SC	
5	OBR		1	.
6	OBX		1	NM
7	OBX		2	132

5th Segment

The number of obx segments can change, so I want to count the last obx segment and then get the field 5 value.

Would appreciate some guidance on this.

[#Ensemble](#)

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Source

URL:<https://community.intersystems.com/post/how-get-number-segments-hl7-message-and-then-pull-field-value-last-segment>