Live ranges of variables

Live range is where a value of a register may be ccessed. It starts with one or mor sets and ends with one or more uses

This is an examples with references across several blocks. A live range consists of references to the same variable.

So this is a live range of y going from a set to a use

Here is a distinct live range

Here is another. But two sets can reach the one use

Here is a live range of x. The one set can reach two uses

Thes second set can also readh two uses