

Instructions for the study

Please read the following instructions carefully

In the following study, you will be asked to help evaluate possible explanation strategies within the context of an Atari Game called Montezuma's revenge - A game in which you play as 'Panama Joe' and can perform eight actions: move-up, move-left, move-right, move-down, jump-up, jump-right, jump-left, and wait. In the study, you will be shown a plan that Joe can follow to achieve some goal, and then shown a question about a possible alternative plan. Your job then will be to select from two alternatives what you feel is a more reasonable explanation for that question.

Before you are taken to the page with the plan and the question, you will be shown a set of concepts relevant to the game that will form the vocabulary for the explanations.

Please make sure to familiarize yourself with the concepts before moving on to the questions

Also, do not refresh the window or press the back button on any page in the study.

Show Concepts

Concepts:



On middle platform

This means Joe is on the middle platform



On ground

This means Joe is on the ground



Skull on left

This means there is skull right next to Joe on the left side



On first ladder

This means Joe is on the leftmost ladder



On third ladder

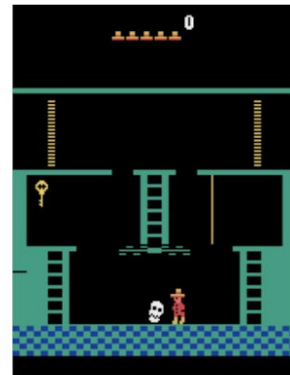
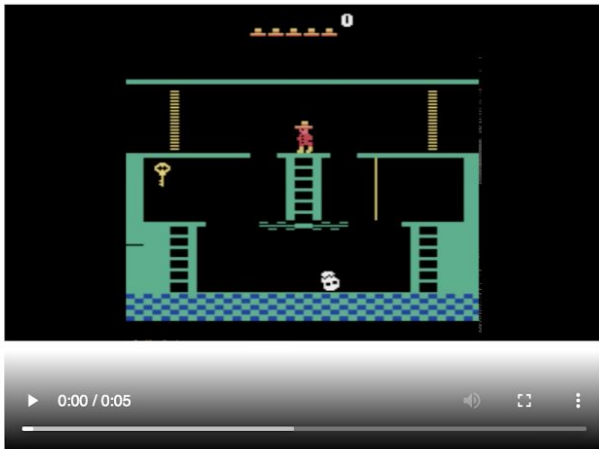
This means Joe is on the rightmost ladder

Show Plan

Plan and the alternate plan

Click anywhere on the video below to view the plan:

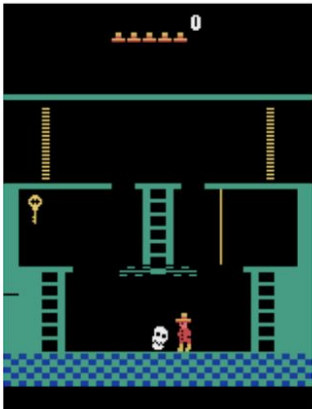
Plan goal: Get to the key



Alternate plan suggested by the user: Follow the plan till you are next to the skull as in the shown image, then move-left (instead of jump-left) and then follow the rest of the plan.

Explain why the alternate plan will fail

Explanation for why the alternate plan would fail



The alternate plan suggested by the user was: Follow the plan till you are next to the skull as in the shown image, then move-left (instead of jump-left) and then follow the rest of the plan.

Please select the explanation that you find the most useful:

- ☒ You can not perform the action move-left in a state where -- "Skull on left" is True. Hence, the action move-left will fail in the alternate plan in the state shown in the image.
- ☐ In the alternate plan, you can not perform the action move-left in the state shown in the image

Submit

Explanation feedback

How complete was the explanation "move left can't be done when `skull on left` is True"?

- ☒ Not at all complete
- ☐ Slightly complete
- ☐ Moderately complete
- ☐ Very complete
- ☐ Fully complete

What other information would be useful (if any):

Submit

Background information

Please enter Age:

Select gender

Do not specify

Select education

I have a under-graduate degree

Have you attended any AI classes?

☐ Yes ☐ No

If you have attended any AI classes, are you aware of any Automated Planning techniques?

☐ Yes ☐ No

If you are aware of any automated planning techniques, then specify planning formalisms you are familiar with:

Submit information and finish study

Thank you for taking the study. You may close the window now.