Project A: Robot and Snowman

Name: Yipeng Pan NetID: YPK6670

Introduction:

Use the umbrella to protect you, the robot, and the snowman from the rain. You will rust over time if you are not under the umbrella, and the snowman will melt if it is not under the umbrella.

User guide:

Click on the bottom right to use the umbrella. Press arrow keys to move the robot's arm, so you can move the umbrella. Use W,S,A,D keys to move the snowman's arm. In addition, you can rotate the umbrella by drag your mouse.

Pictures:



Click on the bottom right to use the umbrella.
Use Arrow keys to control the robot arm.
Use WASD keys to control the arm of the sonwman.
Drag your mouse to rotate the umbrella.
Use your embrella to help the sonwman, or it will melt.
But you will rust if you are not under the umbrella.

Figure 1 Initial scene



Click on the bottom right to use the umbrella.
Use Arrow keys to control the robot arm.
Use WASD keys to control the arm of the sonwman.
Drag your mouse to rotate the umbrella.
Use your embrella to help the sonwman, or it will melt.
But you will rust if you are not under the umbrella.

Figure 2 Use the umbrella

Figure 1 is the initial scene of the project. Now, the umbrella is not in use. So, the snowman is going to melt and the robot is getting rust. If you click on the bottom right to open the umbrella like Figure 2, the robot is now under the umbrella so it will stop rust.



However, because the snowman is not under the umbrella, it starts to melt like Figure 3.

Click on the bottom right to use the umbrella.
Use Arrow keys to control the robot arm.
Use WASD keys to control the arm of the sonwman.
Drag your mouse to rotate the umbrella.
Use your embrella to help the sonwman, or it will melibut you will rust if you are not under the umbrella.

Figure 3 Oh no! Snowman is melting

You can use your arrow key to rotate the umbrella just like Figure 4, so that the snowman is now under the umbrella and it will stop melting. However, the robot begin to rust again.



Click on the bottom right to use the umbrella.
Use Arrow keys to control the robot arm.
Use WASD keys to control the arm of the sonwman.
Drag your mouse to rotate the umbrella.
Use your embrella to help the sonwman, or it will melt.
But you will rust if you are not under the umbrella.

Figure 4 Help the snowman, but you are rusted