



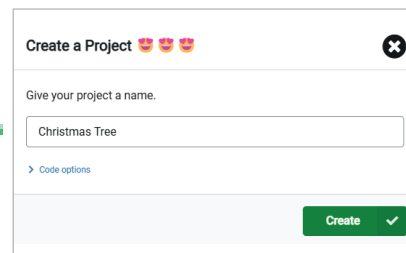
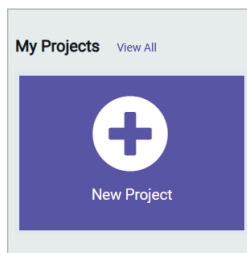
# MICRO:BIT CHRISTMAS TREE DECORATION

WE ARE GOING TO PROGRAM A MICRO:BIT CHRISTMAS TREE DECORATION. YOU CAN MAKE A SIMPLE ANIMATION, OR IF YOU WANT TO EXTEND THE PROJECT, YOU CAN USE THE LIGHT SENSOR SO THAT THE ANIMATION APPEARS WHEN IT'S DARK IN THE ROOM.



THIS PROGRAM USES THE MICRO:BIT'S LIGHT SENSOR TO MEASURE LIGHT LEVELS. IT ALSO USES SELECTION, IN THE FORM OF AN "IF THEN ELSE" LOGIC BLOCK.

Go to [makecode.microbit.org](https://makecode.microbit.org) and create a New Project. Give it a suitable name.



This will start the animation when the light level drops below 100. You may need to change this to number to suit your room.

Use **LED** and **Pause** blocks from **Basic** to create your animation.

The micro:bit will only play the animation if the light reading is less than 100. Otherwise it will be clear.

