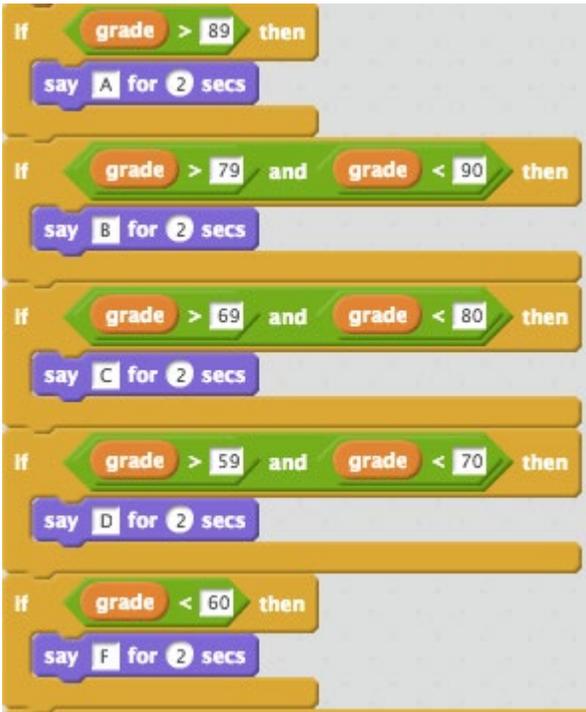


Translating the Grade Project

1. The following Scratch code is a possible solution to the Grade Project. It uses **complex conditionals**. In your own words, what do you think this code does?
2. Please translate the Scratch code into Arduino. For the "say" block, you may call a say function, for example: `say("A");`

SCRATCH CODE	ARDUINO CODE
 <p>The Scratch code consists of five conditional blocks, each followed by a 'say' block for 2 seconds:</p> <ul style="list-style-type: none"> If <code>grade > 89</code> then say <code>A</code> for 2 secs If <code>grade > 79</code> and <code>grade < 90</code> then say <code>B</code> for 2 secs If <code>grade > 69</code> and <code>grade < 80</code> then say <code>C</code> for 2 secs If <code>grade > 59</code> and <code>grade < 70</code> then say <code>D</code> for 2 secs If <code>grade < 60</code> then say <code>F</code> for 2 secs 	
EXTRA CREDIT:	
 <p>The extra credit code is a single conditional block followed by a 'say' block for 2 seconds:</p> <ul style="list-style-type: none"> If <code>grade > 79</code> and <code>grade < 90</code> or <code>grade > 59</code> and <code>grade < 70</code> then say <code>You qualify for tutoring</code> for 2 secs 	