The Morse code played an important part throughout history since its development in the 19th century. The most extensive use of the code was seen during World War 2 where standard long-range radio communication was impractical due to size and security so the Morse code was used in order to encode and decode the messages.

The Morse code is a method to encode text into series of dots and dashes which can be sent by light, sound or radio waves.

Our project consists of a way for a user to type a specific letter or digit into the computer and then see it translated in Morse code through the microcontroller.