MORSE CODE CONVENTOR USING ADRUINO

Name(s)	Roll number(s)
1)Rithwik Varanasi	AM.SC.U4CSE24057
2)Sahasra Sathvik D	AM.SC.U4CSE24058
3)H Shriya	AM.SC.U4CSE24059

This project aims to create a morse code convertor using adruino. In this project we create device which can give both input and output. We can give input as text and get output as morse code and give input as morse code and get output as morse code.

First, we understood Morse code principles, including timing for dots, dashes, and spaces. Verify signal accuracy and timing for Morse code output. Debug any issues in hardware connections or software logic. Secure components in a project enclosure for a neat and portable design.

Finally, a circuit was formed which can take input as morse code and display text and vice versa. We learnt about a new form of communication, that is morse code. Our understanding of Arduino and connections became deeper and better.

This project can play a vital role in learning morse code. Morse is useful in many places. Some of its applications are, in military, in adverse situations, space communication, historical and education purposes, in form of puzzles, entertainment.

CIRCUIT DIAGRAM: