Step 1:

Identify and break down elements needed for the solution into three areas:

1. Input Needed

We are using PB4 &PB5 for output so our input to the dot and dash fuction is 4,5. Which defines which pin to set.

2. Processing

Process is just simple you have to set and reset your gpio pin based on your first name and last name initials’s morse code and play with delay.

500 ms delay for dot

1500 ms delay for dash

2500 ms for consecutive latters

3. Output

In the output of this code red led will show morse code first name intitial and green led will show morse code for last name initial.

Step 2

Identify what you don’t know or know how to do.

I don’t know the morse code for my first and last name initials.

Step 3:

Find out/figure out what you don’t know or know how to do.

After searching on google I came know the morse code for A and B where a is my first name’s initial and B is my last name Initial. As this two are consecutive latters I have to use 2500 ms delay between A and B.