

Next in Line

In this assignment, you will use a queue to serve people in a line.

You will make a loop that goes until the user wants to quit.

Inside the loop, the user can

- (a) enqueue a new person.
- (b) dequeue a person in the line and serve them.
- (c) choose to quit.

You will need to make sure that the queue program is saved to your folder so you can use the code.



```
public class nextInLine
{
    public static void main (String args[])
    {
        new nextInLine ();
    }

    public nextInLine ()
    {
        char next = 'y';
        while (next != 'q')
        {
            System.out.println ("\nYou have a line. Do you wish to:");
            System.out.println ("(a) Enqueue a new person.");
            System.out.println ("(b) Dequeue a person.");
            System.out.println ("(q) Quit");
            next = IO.inputChar ("Your choice: ");
        }
    }
}
```