

Q8.java

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//////////////////////////////////////
//www.karamian.com
//Program Quiz8
//////////////////////////////////////

import java.io.*;
import java.util.*;

//*****
// Class Q8 contains the main driver for Queue.
//*****
class Q8
{
    //=====
    // Contains the driver for Queue.
    //=====
    public static void main (String[] args) throws IOException
    {
        BufferedReader readIt = new BufferedReader(
            new
InputStreamReader(System.in));
        Queue user = new Queue();
        boolean done = false;
        while (!done)
        {
            System.out.println("Enter number for choice: ");
            System.out.println("\t" + "\t" + "\t" + "1: Insert");
            System.out.println("\t" + "\t" + "\t" + "2: Remove");
            System.out.println("\t" + "\t" + "\t" + "3: Exit");
            int z=Integer.parseInt(readIt.readLine());

            if(z==1)
            {
                System.out.print("Enter name: ");
                Object f=readIt.readLine();
                user.insert(f);
                user.print();
            }
            else if(z==2)
            {
                String g=(String)user.remove();
                System.out.println(g);
            }
            else if(z==3)
            {
                done=true;
            }
            else
                System.out.println("Enter a valid choice: ");
        }
    } // end of main.
} // end of class Q8.
```