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/*--- HW03.java ---*/
import java.util.*;

public class HW03 {
    public static Mid createMid() {
        Scanner in = new Scanner(System.in);
        System.out.print("Alpha? ");
        String alpha = in.next();

        System.out.print("First name? ");
        String first = in.next();

        System.out.print("Last name? ");
        String last = in.next();

        System.out.print("Company? ");
        int company = in.nextInt();

        Mid mid = new Mid();
        mid.alpha = alpha;
        mid.firstName = first;
        mid.lastName = last;
        mid.company = company;

        return mid;
    }

    public static void printMid(Mid mid) {
        System.out.println(mid.alpha + " " + mid.firstName + " "
            + mid.lastName + " " + mid.company);
    }

    public static void main(String[] args) {
        Scanner in = new Scanner(System.in);
        System.out.print("How many mids? ");
        int num = in.nextInt();

        Mid[] mids = new Mid[num];
        for (int i = 0; i < mids.length; i++) {
            mids[i] = createMid();
        }

        System.out.print("What company would like to print out? ");
        int compr = in.nextInt();
        for (int i = 0; i < mids.length; i++) {
            if (mids[i].company == compr) printMid(mids[i]);
        }
    }
}

/*--- Mid.java ---*/
public class Mid {
    public String alpha;
    public String firstName;
    public String lastName;
    public int company;
}
```