

Your name:

Show the output produced by the following Java code:

```
public class Arrays0803 {

    private int[] f;
    private int[] e = {2, 3, 5, 7, 11, 13, 17};
    private int n;

    public Arrays0803(int n) {
        this.n = n;
        f = new int[n];
        for (int i = 0; i < f.length; ++i)
            f[i] = i;
    } // constructor

    public int b() {
        int c = 0;
        for (int d: e)
            if (d < 10)
                c += d;
        return c;
    } // b()

    public void dump(int [] a) {
        for (int b: a)
            System.out.print(b + " ");
        System.out.println(); // ends current line
    } // dump()

    public void c() {
        for (int i = n-1; i > 0; --i)
            swap(f, i-1, i);
        dump(f);
    } // c()

    private void swap(int[] a, int b, int c) {
        int oldB = a[b];
        a[b] = a[c];
        a[c] = oldB;
    } // swap()

    public static void main(String[] args) {
        Arrays0803 a = new Arrays0803(4);
        System.out.println(a.b());
        a.c();
    } // main()

} // class Arrays0803
```