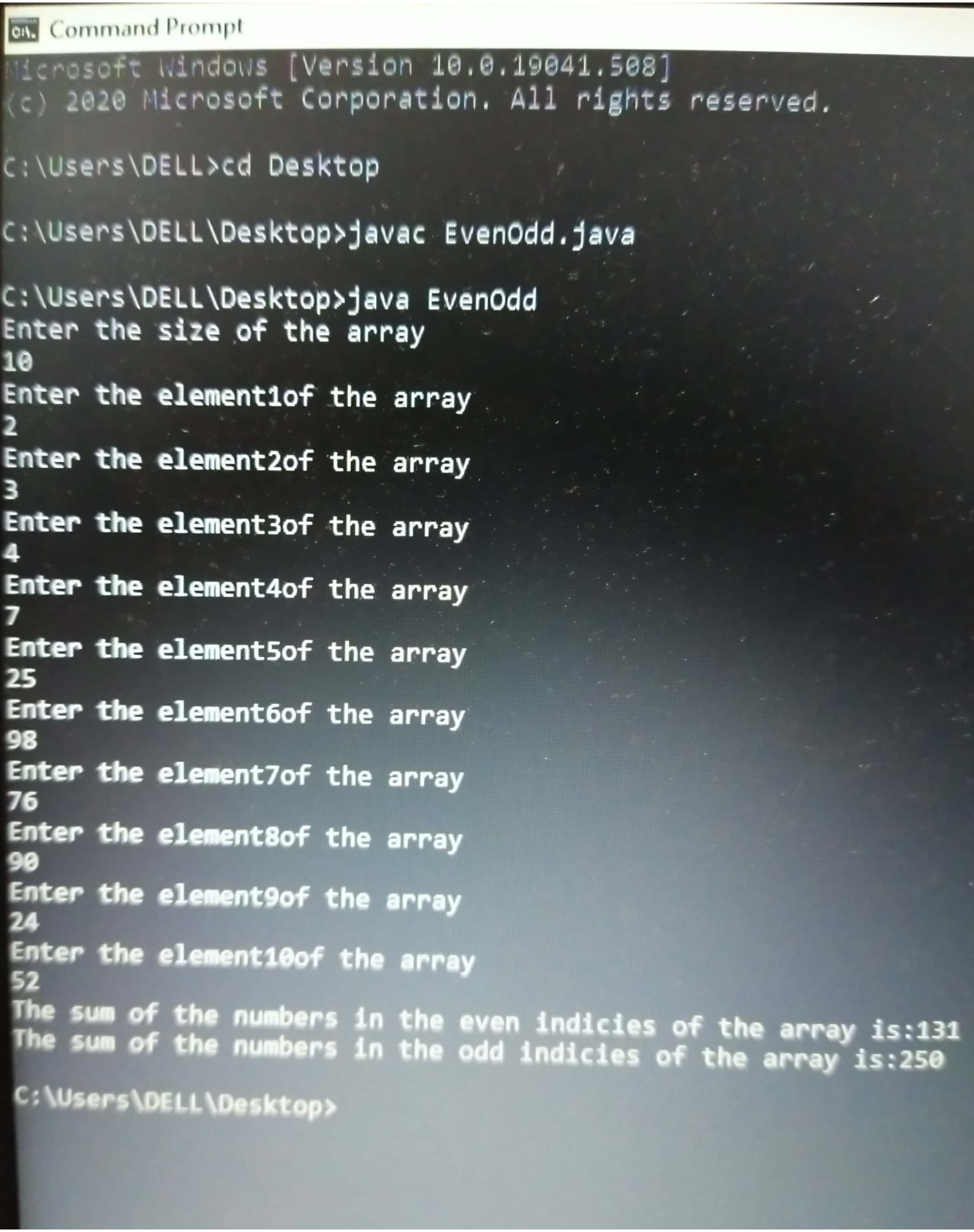
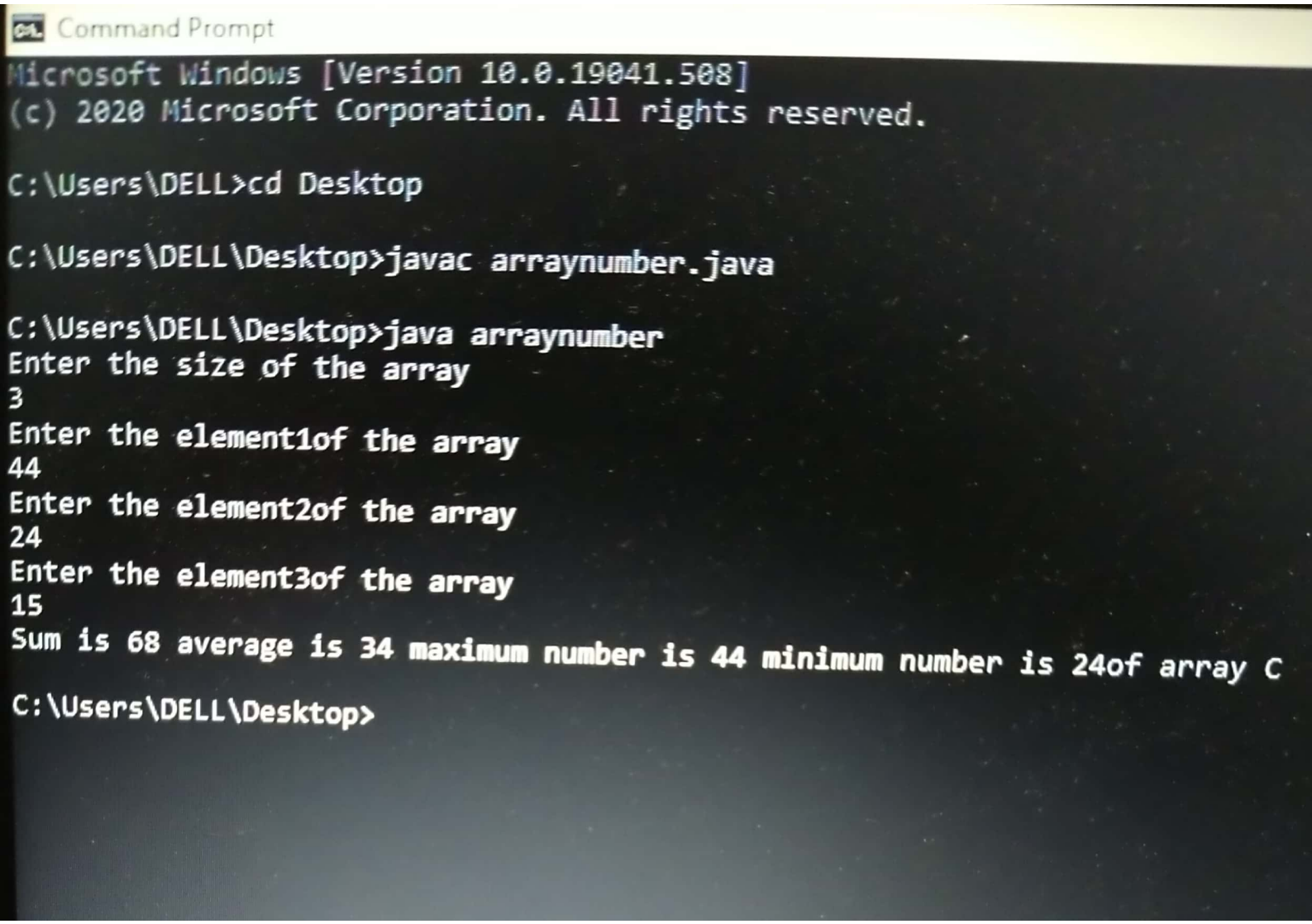


```
C:\Users\DELL\Desktop>javac PNZintegers.java

C:\Users\DELL\Desktop>java PNZintegers
Enter the size of the array
5
Enter the element 1 of the array
1
Enter the element 2 of the array
0
Enter the element 3 of the array
67
Enter the element 4 of the array
44
Enter the element 5 of the array
24
The count of the positive numbers in the array is:5
The count of the negative numbers in the array is:0

C:\Users\DELL\Desktop>
```

```
Microsoft Windows [Version 10.0.19041.508]
(c) 2020 Microsoft Corporation. All rights reserved.

C:\Users\DELL>cd Desktop

C:\Users\DELL\Desktop>javac marketbill.java

C:\Users\DELL\Desktop>java marketbill
Enter the total number of items bought
6
Enter the rate per item and the quantity of item 1
60
6
Enter the rate per item and the quantity of item 2
100
2
Enter the rate per item and the quantity of item 3
600
3
Enter the rate per item and the quantity of item 4
800
4
Enter the rate per item and the quantity of item 5
550
4
Enter the rate per item and the quantity of item 6
450
2
The final bill after discount is 8660.0000
C:\Users\DELL\Desktop>_
```



```
import java.util.Scanner;
class EvenOdd
{
  public static void main(String args[])
  {
    Scanner sc = new Scanner(System.in);
    int n, s1=0, s2=0;
    System.out.println("Enter the size of the array");
    n = sc.nextInt();
    int a[] = new int[n];
    for(int i=0; i<n; i++)
    {
      System.out.println("Enter the element "+(i+1)
                         +" of the array");
      a[i] = sc.nextInt();
      if(i%2==0)
      s1 = s1 + a[i];
      else
       s2 = s2 + a[i];
    }
    System.out.println("The sum of the numbers in
                        the even indicies of the
                        array is :"+s1);
```

```
        System.out.println(" The sum of the numbers in
                            the odd indicies of the
                            array is : "+s2);
    }
}
```

```
import java.util.Scanner;
class PNZintegers
{
  public static void main (String args[])
  {
    Scanner sc = new Scanner (System.in);
    int n, c1 = 0, c2 = 0;
    System.out.println(" Enter the size of the array");
    n = sc.nextInt();
    int a[] = new int[n]
    for (int i = 0; i<n; i++)
    {
    System.out.println("Enter the element "+(i+1)+
                       " of the array");
    a[i] = sc.nextInt();
    if (a[i]>=0)
     c1=c1+1;
     else
      c2 = c2+1;
    }
    System.out.println("The count of the positive
                        number in the array is:"
                        +c1);
    System.out.println("The count of the negative number
                        in the array is :"+c2);
  }
}
```

```
import java.util.Scanner;
class markbill
{
  public static void main(String arg[])
  {
    Scanner sc = new Scanner(System.in);
    int n, c1=0, c2=0;
    double tb=0, fb=0;
    System.out.println("Enter the total number of
                        items bought");
    n = sc.nextInt();
    int a[] = new int[n];
    double b[] = new double[n];
    for(int i=0; i<n; i++)
    {
      System.out.println("Enter the rate per item
                          and the quantity of
                          item "+(i+1));
      b[i] = sc.nextDouble();
      a[i] = sc.nextInt();
      tb = tb+a[i]*b[i];
    }
    if(tb>=10000)
    fb = tb-(5/100*tb);
    else if(tb>=7500 && tb<10000)
     fb = tb-(3/100*tb);
     else
     fb = tb-(2/100*tb);
    System.out.println("The final bill after
                        discount is %.4f", fb);
  }
}
```

```
import java.util.Scanner;
class arrayexample
{
  public static void main (String args[])
  {
    Scanner sc = new Scanner (System.in);
    int n, k=0, j = 0, s=0, avg=0);
    System.out.println(" Enter the size of the array");
    n= sc.nextInt();
    int a[] = new int [n];
    int b[] = new int [n];
    int c[] = new int [n];
    for (int i=0; i<n; i++)
    {
      System.out.println(" Enter the element "+(i+1)+
                         " of the element array");
      a[i]= sc.nextInt();
      if (a[i]%2==0)
      {
        c[k] = a[i];
        k++;
      }
      else
      {
        b[j]=a[i]
        j++;
      }
    }
    int min = c[0], max = c[0];
```

```
for (int i=0; i<k; i++)
{
s=s+c[i]
if (c[i] > = max)
max = c[i];
}
for (int i=0; i<k; i++)
{
if (c[i] <= min)
min = c[i];
}
avg = s/k;
System.out.println("Sum is "+s+"
avg average is "+avg+" maximum
number is "+max+" minimum
number is "+min+" of array c");
}
}
```