

```
sumindices - Notepad
File Edit Format View Help
import java.util.Scanner;

class sumindices
{ public static void main(String args[])
{
    int n,e1e,s1me=0,s1mo=0,a[];
    Scanner get=new Scanner(System.in);
    System.out.println("Enter the no of elements for array:\n");
    n=get.nextInt();
    a = new int[n];
    System.out.println("Enter elements:\n");
    for( int i=0;i<n;i=i+1)
    a[i]=get.nextInt();
    for(int m=0;m<n;m=m+2)
    { s1me=s1me+a[m];
      if((m+1)!=n)
      s1mo=s1mo+a[m+1];
    }
    System.out.println("Sum of odd indices:"+s1mo+"\nsum of even indices:"+s1me);
}
}
```

```
Command Prompt
Microsoft Windows [Version 10.0.18363.1082]
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C:\Users\stand>cd D:\Java\jdk1.8.0_261\bin\prog

D:\Java\jdk1.8.0_261\bin\prog>set path="D:\Java\jdk1.8.0_261\bin"

D:\Java\jdk1.8.0_261\bin\prog>javac sumindices.java

D:\Java\jdk1.8.0_261\bin\prog>java sumindices
Enter the no of elements for array:
7
Enter elements:
1
2
0
-6
7
9
15
Sum of odd indices:5
sum of even indices:23

D:\Java\jdk1.8.0_261\bin\prog>
```

```
countpnz - Notepad
File Edit Format View Help
import java.util.Scanner;

class countpnz
{ public static void main(String args[])
{ int c,p=0,n=0,z=0,a[];
  Scanner get=new Scanner(System.in);
  System.out.println("Enetr the no of elemnts for array to be counted:");
  c=get.nextInt();
  a = new int[c];
  System.out.println("Enter the elements:");
  for(int i=0;i<c;i=i+1)
  { a[i]=get.nextInt();
    if(a[i]>0)
      p=p+1;
    else
      if(a[i]<0)
        n=n+1;
      else
        z=z+1;
  }
  System.out.println("Positive: "+p+"\nNegative: "+n+"\nZeros: "+z);
}
}
```

```
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Enter the no of elements for array:
7
Enter elements:
1
2
0
-6
7
9
15
Sum of odd indices:5
sum of even indices:23

D:\Java\jdk1.8.0_261\bin\prog>javac countpnz.java

D:\Java\jdk1.8.0_261\bin\prog>java countpnz
Enetr the no of elemnts for array to be counted:
8
Enter the elements:
1
2
3
-5
0
-4
0
-3
Positive: 3
Negative: 3
Zeros: 2

D:\Java\jdk1.8.0_261\bin\prog>
```

```
arrayop - Notepad
File Edit Format View Help
import java.util.Scanner;

class arrayop
{ public static void main(String args[])
{ int n,sum=0,max=0,min=0,a[],b[],c[];
double avg;
Scanner get= new Scanner(System.in);
System.out.println("Enter the no of elements:");
n=get.nextInt();
a= new int[n];
b= new int[n];
c= new int[n];
for(int i=0;i<n;i=i+1)
{ a[i]=get.nextInt();
if(a[i]%2==0)
{c[i]=a[i];
sum=sum+c[i];
if(a[i]>max)
max=a[i];
else if(a[i]<min)
min=a[i];
}
else
b[i]=a[i];
}
avg=sum/n;
System.out.println("For even array:\nSUM: "+sum+"\nAVERAGE= "+avg+"\nMAX= "+max+"\nMIN= "+min);
}
}
```

```
Command Prompt
Enter elements:
1
2
0
-6
7
9
15
Sum of odd indices:5
sum of even indices:23

D:\Java\jdk1.8.0_261\bin\prog>javac countpnz.java
D:\Java\jdk1.8.0_261\bin\prog>java countpnz
Enetr the no of elemnts for array to be counted:
8
Enter the elements:
1
2
3
-5
0
-4
0
-3
Positive: 3
Negative: 3
Zeros: 2

D:\Java\jdk1.8.0_261\bin\prog>javac arrayop.java
D:\Java\jdk1.8.0_261\bin\prog>java arrayop
Enter the no of elements:
8
1
2
3
4
5
-6
7
8
For even array:
SUM: 8
AVERAGE= 1.0
MAX= 8
MIN= -6

D:\Java\jdk1.8.0_261\bin\prog>
```

```
D:\Java\jdk1.8.0_261\bin\prog\itembill.java - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
D:\Java\jdk1.8.0_261\bin\prog\itembill.java
1 import java.util.Scanner;
2
3 class itembill
4 { public static void main(String args[])
5 { int x;
6 double tb=0,fb ;
7 Scanner get= new Scanner(System.in);
8 System.out.println("Enter the no of items bought:");
9 x=get.nextInt();
10 double rate_of[]=new double[x];
11 int quantity[]=new int[x];
12 System.out.println("\nEnter The Rate of item And Quantity purchased:\n ");
13 for(int i=0;i<x;i++)
14 { System.out.println("Item "+(i+1)+" :");
15 System.out.printf("\nRate:"); rate_of[i]=get.nextFloat();
16 System.out.printf("Quantity: "); quantity[i]=get.nextInt();
17 tb=tb+rate_of[i]*quantity[i];
18 }
19 if(tb>=10000)
20 fb=tb*0.95;
21 else
22 if(tb>=7500)
23 fb=tb*0.97;
24 else
25 if(tb>=5000)
26 fb=tb*0.98;
27 else
28 fb=tb;
29
30 System.out.println("Total Bill: "+tb+"\nFinal Bill :"+fb);
31 }
32 }
```

```
Command Prompt
Item 1:
Rate:300
Quantity: 10
Item 2:
Rate:200
Quantity: 5
Total Bill: 4000.0
Final Bill :4000.0

D:\Java\jdk1.8.0_261\bin\prog>java itembill
Enter the no of items bought:
2

Enter The Rate of item And Quantity purchased:

Item 1:
Rate:300
Quantity: 15
Item 2:
Rate:200
Quantity: 10
Total Bill: 6500.0
Final Bill :6370.0

D:\Java\jdk1.8.0_261\bin\prog>
```