

```
1 import java.io.*;
2
3 public class question41
4 {
5     public static void main(String args[])
6     {
7         int arr[][]={{1,3,2},{1,2,0},{1,0,5}};
8         int sum=0;
9         int prod=1; //since we are going to calculate the product, we start with 1
10
11         for(int i=0;i<3;i++)
12         {
13             for(int j=0;j<3;j++)
14             {
15                 if(arr[i][j]%2==0)
16                     sum+=arr[i][j]; //this means sum=sum+arr[i][j]
17                 else
18                     prod*=arr[i][j]; //this means prod=prod*arr[i][j]
19             }
20         }
21
22         System.out.println("Sum of even elements:"+sum);
23         System.out.println("Product of odd elements:"+prod);
24
25     }
26 }
```