**Even and odd**

**package** com.exercise.eclipse.ide.first;

**import** java.util.Scanner;

**public** **class** MyCode

{

**public** **static** **void** main(String[]args)

{

Scanner sc=**new** Scanner(System.***in***);

**int** j=2,k=2;

**int** q=0,r=0;

System.***out***.println("Enter number of elements to enter:");

**int** n=sc.nextInt();

**int** array[]=**new** **int**[n];

**int** even[]=**new** **int**[k];

**int** odd[]=**new** **int**[j];

System.***out***.println("Enter elements into array:");

**for**(**int** i=0;i<n;i++)

{

array[i]=sc.nextInt();

}

**for**(**int** val : array)

{

System.***out***.println(val);

}

**for**(**int** i=0;i<n;i++)

{

**if**(array[i]%2==0)

{

even[q]=array[i];

q++;

}

**else**

{

odd[r]=array[i];

r++;

}

}

System.***out***.println("Even array:");

**for**(**int** a : even)

{

System.***out***.println(a);

}

System.***out***.println("Odd array:");

**for**(**int** b : odd)

{

System.***out***.println(b);

}

}

}