

```
import java.util.*;

class extra4 {

    public static void main(String args[]){

        Scanner sc = new Scanner(System.in);

        System.out.println("Enter the range of an array A");

        int range=sc.nextInt();

        int []A = new int[range];

        int []even= new int [50];

        int []odd= new int [50];

        for(int i=0;i<range;i++){

            System.out.println("Enter the number : ");

            int ele=sc.nextInt();

            A[i]= ele;

        }

        System.out.println("The array A entered is :");

        for(int j=0;j<range;j++){

            System.out.print(A[j] + "\t");

        }

        int a=0,b=0;
```

```
for(int k=0;k<range;k++){  
    if(A[k]%2==0){  
        even[a] =A[k];  
        a++;  
    }  
    else{  
        odd[b]=A[k];  
        b++;  
    }  
}
```

```
System.out.println(" \n even numbers entered are:");
```

```
for(int p=0;p<a;p++){  
    System.out.print(even[p]);  
    System.out.print("\t");  
}
```

```
System.out.println(" \n Odd  numbers entered are:");
```

```
for(int q=0;q<b ;q++){  
    System.out.print(odd[q]);  
    System.out.print("\t");
```

```
}

int sum=0;

for(int s=0;s<a;s++){

    sum=sum+even[s];

}

System.out.println("\n The sum of even numbers is:"+ sum);

int average= sum/a;

System.out.println("The average of even numbes is \t"+ average);


int max=even[0];

for(int m=1;m<a;m++){

    if(even[m]>max){

        max=even[m];

    }

}

System.out.println("The maximum number is:\t"+ max);

int min=even[0];

for(int n=1;n<a;n++){

    min=Math.min(min,even[n] );

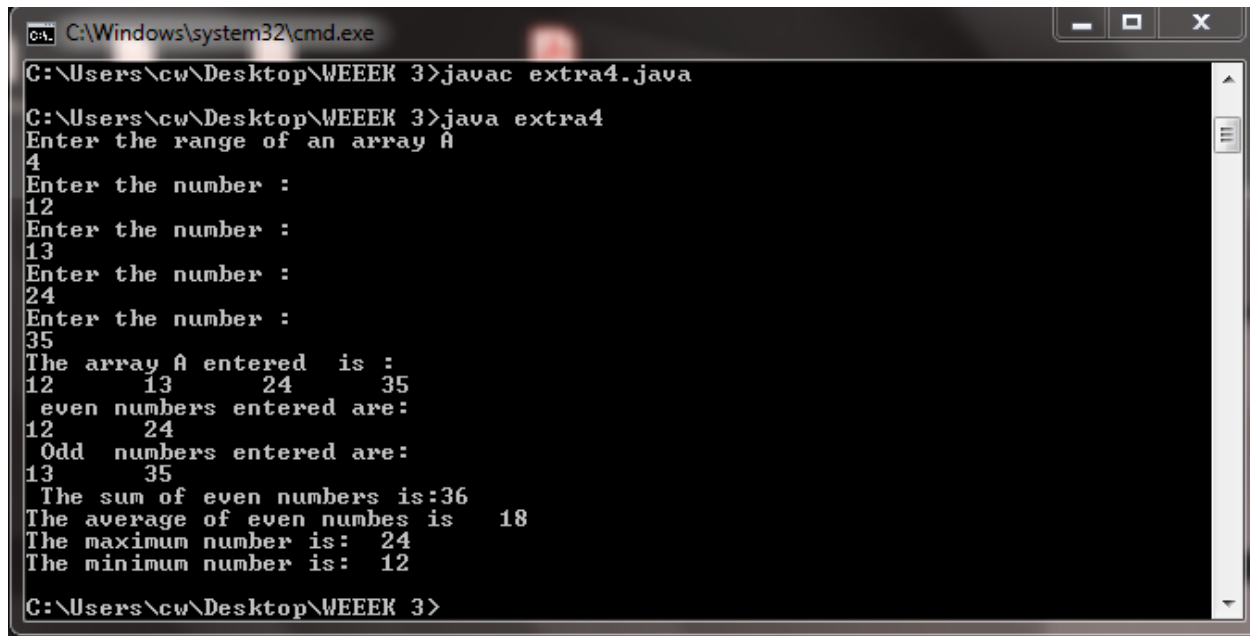
}
```

```
}
```

```
System.out.println("The minimum number is:\t"+ min);
```

```
}
```

```
}
```



```
C:\Windows\system32\cmd.exe
C:\Users\cw\Desktop\WEEEEK 3>javac extra4.java
C:\Users\cw\Desktop\WEEEEK 3>java extra4
Enter the range of an array n
4
Enter the number :
12
Enter the number :
13
Enter the number :
24
Enter the number :
35
The array n entered is :
12    13    24    35
even numbers entered are:
12    24
Odd numbers entered are:
13    35
The sum of even numbers is:36
The average of even numbes is 18
The maximum number is: 24
The minimum number is: 12
C:\Users\cw\Desktop\WEEEEK 3>
```