

```

package com.torryharris;

public class Main {

    public static void main(String[] args) {
        /*int n=10;
        for(int i=0;++i<=n;i++)
        {
            System.out.println(+i);
        }*/
        int[] iarr = {20,26,14,55,67,44};
        int max = iarr[0];
        int min = iarr[0];
        for(int i=0;i<iarr.length;i++){
            if (iarr[i]>max)
                max=iarr[i];
            if (iarr[i]<min)
                min=iarr[i];
        }
        System.out.println("maximun element: "+max);
        System.out.println("minimum element: "+min);
    }
}

```

Output:

```

maximun element: 67
minimum element: 20

```

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Main prog:

```

package com.torryharris;

import java.util.Scanner;

public class Main {

    public static void main(String[] args) {
        // write your code here
        Scanner sc =new Scanner(System.in);
        int bookid=sc.nextInt();
        String bookname=sc.next();
        int bookprice=sc.nextInt();
        book book1 = new book(bookid,bookname,bookprice);
        book book2 = new book(101,"python",450);
        System.out.println(book1);
        System.out.println(book2);
    }
}

```

Class:

```
package com.torryharris;

public class book {
    int bookid;
    String bookname;
    int bookprice;

    public book(int bookid, String bookname, int bookprice) {
        this.bookid = bookid;
        this.bookname = bookname;
        this.bookprice = bookprice;
    }

    @Override
    public String toString() {
        return "book{" +
            "bookid=" + bookid +
            ", bookname='" + bookname + '\'' +
            ", bookprice=" + bookprice +
            '}';
    }
}
```

output:

100

python

500

book{bookid=100, bookname='python', bookprice=500}

book{bookid=101, bookname='python', bookprice=450}

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Bubblesort:

```
package com.torryharris;

import java.util.Scanner;

public class Main {

    public static void main(String[] args) {
        int len = Integer.parseInt(args[0]);
        int[] iarr = new int[len];
        Scanner sc = new Scanner(System.in);
        System.out.println("enter the elements of the array");
        for(int i=0;i<iarr.length;i++)
```

```

        {
            iarr[i]=sc.nextInt();
        }
        for(int i=0;i<iarr.length-1;i++)
        {
            for(int j=0;j<iarr.length-i-1;j++)
            {
                if(iarr[j]>iarr[j+1])
                {
                    int temp = iarr[j];
                    iarr[j]=iarr[j+1];
                    iarr[j+1]=temp;
                }
            }
        }
        System.out.println("sorted elements: ");
        for(int i=0;i<iarr.length;i++)
        {
            System.out.print(iarr[i]+" ");
        }
        System.out.println();
    }
}

```

}

output:

enter the elements of the array

3

5

7

1

8

sorted elements:

1 3 5 7 8

-----

```
package com.torryharris;
```

```
public class Main {
```

```

    public static void main(String[] args) {
        String str1 = args[0];
        String str2 = args[1];
        String str3 = args[2];
        int n1 = Integer.parseInt(str1);
        int n2 = Integer.parseInt(str2);
    }
}

```

```
        double n3 = Double.parseDouble(str3);  
        System.out.println("sum= "+(n1+n2+n3));  
    }  
}
```

output:

sum= 50.0

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