

```
import java.util.Arrays;
```

```
public class FourthSmallestElement {
```

```
    public static int findFourthSmallest(int[] arr) {
```

```
        if (arr == null || arr.length < 4) {
```

```
            throw new IllegalArgumentException("Input array should contain at least 4 elements");
```

```
        }
```

```
        Arrays.sort(arr);
```

```
        return arr[3];    }
```

```
    public static void main(String[] args) {
```

```
        int[] arr = {9, 5, 2, 7, 1, 6, 3, 8, 4};
```

```
        int fourthSmallest = findFourthSmallest(arr);
```

```
        System.out.println("The fourth smallest element is: " + fourthSmallest);
```

```
    }
```

```
}
```

