**Extract Middle 1, 2 or 3 Elements**

Write a method to extract the **middle** **1**, **2** or **3** **elements** from array of **n** integers and **print** them.

* **n** = 1 -> **1** element
* even **n** -> **2** elements
* odd **n** -> **3** elements

Create a program that reads an **array of integers** (space separated values) and prints the middle elements in the format shown in the examples.

**Examples**

|  |  |
| --- | --- |
| **Input** | **Output** |
| **5** | { 5 } |
| 2 3 **8 1** 7 4 | { 8, 1 } |
| 1 2 **3 4 5** 6 7 | { 3, 4, 5 } |
| 10 20 30 **40 50** 60 70 80 | { 40, 50 } |