

Trial Assignment

- Write a program that prints the multiplication of two selected numbers from a line
 - First line of input contains the number of lines to follow
 - First number of each line, $n \geq 4$ and $n \leq 1000$, contains the number of integers that follow in the line
 - Those n integers (each integer ≥ 0 ; ≤ 1000) follow till the end of the line, and should be stored (except the last two) in an array using index numbers $1 \dots n-2$
 - The last two integers x, y ($x, y \geq 1$ & $x, y \leq n-2$) in the line is the index (starting from 1) of the integers from the line to multiply and print

Example: (colors are just for visualization):

Input:

```
3
5 13 2 5 1 3
6 5 3 6 7 4 2
9 7 12 2 14 5 7 9 6 3
```

Output:

```
65
21
14
```

Input/output in Java

- Use Standard I/O to read input and write the result
- For Java, input: `System.in`, output: `System.out`
- To read numbers, one option is:
 - Use a single Scanner object

```
Scanner sc = new Scanner(System.in);
```
 - Use `nextInt()` over and over to read integers

```
number = sc.nextInt();
```
 - To print numbers:

```
System.out.println(x);
```
- **"Do Not"s**
 - Do not read from a disk file/write to disk file
 - Do not write anything to screen except the result
 - Ex: Human centric messages ("the result is", "please enter..")
 - Automated grading via script will be used for checking correctness of your output

Trial Assignment

- Due: next Thursday, Aug 30th, 11:59pm
- Submission through Blackboard
 - Submit as a zip file with name “**0_LastName_FirstName.zip**” and include:
 - Java source code in a single file **cm401.java** (all lower case letters!)
 - The file should have *your name* in a comment in the first line
 - Remember: in Java, class name should match the file name, and is case sensitive
- Please do NOT create your own packages
- Do NOT place the file into a folder – just zip the file
- Use standard I/O to read input (System.in, System.out) and output
- Make sure the program compiles