

- A *byte* is an 8-bit signed integer.
- A *short* is a 16-bit signed integer.
- An *int* is a 32-bit signed integer.
- A *long* is a 64-bit signed integer.

To get you started, a portion of the solution is provided for you in the editor.

### Input Format

## Output Format

[illegible]

[illegible]

–150 can be stored in a *short*, an *int*, or a *long*.