Student Name:	Lab 13
Student Number:	

In your main line code, ask the user for the size of the array. Allocate space for the array on the heap, fill the array with pseudorandom numbers less than or equal to 100, and print the elements of the array to the console.

Example Execution:

```
What is the size of the array to be created? 6
Element: 12
Element: 54
Element: 26
Element: 50
Element: 27
Element: 24
```

Hints:

- Look up syscalls in the documentation for the MARS simulator to find out how to generate a pseudorandom number with an upper range.

The following is required for all assignments and is included in the rubric for grading:

- You need to name your file as "LastName-Name-Lab13.asm" (Example: Talley-Michelle-Lab13.asm)
- Your source needs to have comments that explain your implementation.
- You need to include the following set of comments at the top of your source code for all assignments.
  #Your Name
  #Assignment # (Example: Lab #13)
- You need to submit your source code on blackboard.
- You may use utils.asm, but you must submit it with your source code.
- Please submit your files in a zip file named LastName-FirstName- Lab13.zip) and make sure you include any files that are used as includes in the zip file (Example: utils.asm).