

1. Create a list of numbers from 1 to 100. Assign the list to an array. Using the array, add all the numbers together and print out the sum.

2. Use one splice command to change the array below so that it contains the numbers 1 through 10.

```
@ten = (5);
```

Print the array out.

```
splice (@array, $startPosition);
```

```
splice (@array, $startPosition, $numOfPositions);
```

```
splice (@array, $startPosition, $numOfPositions, @replacementVals);
```

3. Write a program that reads in number values you input from the command line and determines the highest number value you input. HINT: the <STDIN> operator can be used as the conditional in a while loop.

4. Create an array using the code snippet below. Print the array out.

```
foreach (1..100) {  
    @randomNumbers[$_] = int (rand (100));  
}
```

Next, sort the array and print out the sorted results. Are the results what you expected?

5. Create an array using the code snippet below:

```
foreach $num (1..10) {  
    @randomNumbers[$num] = int (rand (10));  
}
```

Next, for each number in the array, print out a line of asterisks where each line contains the number of asterisks that the number indicates.