1) What is the output of the following C++ code?

```
int x;
int y;
int *p= &x;
int *q= &y;
x=35;
y=46;
p=q;
*p = 78;
cout<<x<" "<<y<endl;
cout<<*p<*" "<<q<endl;</pre>
```

2) What is the output of the following code?

- 3) names is an integer array with 20 elements. Write a regular for loop, as well as a range-based for loop that prints each element of the array.
- 4) The arrays numberArray1 and numberArray2 have 100 elements. Write code that copies the values in numberArray1 to numberArray2.
- 5) In a program you need to store the identification numbers of 10 employees (as int s) and their weekly gross pay (as double s).
 - A) Define two arrays that may be used in parallel to store the 10 employee identification numbers and gross pay amounts.
 - B) Write a loop that uses these arrays to print each employee's identification number and weekly gross pay.
- 6) Define a two-dimensional array of integers named grades. It should have 30 rows and 10 columns.
- 7) In a program you need to store the populations of 12 countries.
 - A) Define two arrays that may be used in parallel to store the names of the countries and their populations.
 - B) Write a loop that uses these arrays to print each country's name and its population.
- 8) The following code totals the values in two arrays: numberArray1 and numberArray2. Both arrays have 25 elements. Will the code print the correct sum of values for both arrays? Why or why not?