

Title Lines

Problem 1: Write title lines for the functions that are called by the following main program. Do not supply the blocks for the functions. Your title lines must allow for any indicated types of output.

```
int main() {  
    string a[4] = {"Freddy", "Max", "Kelly", "Jack"};  
    undouble(11223344); // prints: 1234  
    firstDigit(65536); // prints: Six  
    printSorted(a, 4); // prints: Freddy Jack Kelly Max  
    cout << join(a[1], a[3]) << endl; // prints: MaxJack  
    randomWords(a, 4); // assigns new random values to array  
    return 0;  
}
```

(a) Title line for undouble

.
Answer:

(b) Title line for firstDigit

.
Answer:

(c) Title line for printSorted

.
Answer:

(d) Title line for join

.
Answer:

(e) Title line for randomWords

.
Answer:

Problem 2: Write title lines for the functions that are called by the following main program. Do not supply the blocks for the functions.

```
int main() {  
    int a[5] = {3,1,4,1,5};  
    int x[2][3] = {{0,1,3},{2,4,8}};  
    string s = "Hello";  
    string t;  
    cout << average(x, 2, 3) << endl; // prints the average:3.0  
    t = doubleIt(s); cout << t << endl; // prints: HelloHello  
    reverseCols(x, 2, 3); // prints: 3 0 1, 8 4 2  
    if (isPositive(a[0])) cout << "Positive" << endl;  
    // prints: Positive  
    cout << midEntry(a, 5) << endl; // prints: 4  
    return 0;  
}
```

(a) Title line for average

Answer:

(b) Title line for doubleIt

Answer:

(c) Title line for reverseCols

Answer:

(d) Title line for isPositive

Answer:

(e) Title line for midEntry

Answer: