

## Function Prototypes II

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 x = 0, y = 1, z = 2;
    x = larger(x + y, z); // (a) sets x as the larger
    x = largest(x, y, y, z); // (b) sets x as the largest
    printAll(z, x, y); // (c) print them all
    boost(x, y); // (d) increase x by the value of y
    boost(y, mystery(y, z)); // (e) boosts y by a mystery amount
    return 0;
}
```

```
int main() {
    string fullName = "Freddy Next Door";

    cout << middleDigit(19683) + 1 << endl;
    // (a) prints: 7 as 6 + 1
    cout << initials(fullName) << endl; // (c) prints: F.N.D.

    return 0;
}
```

Write header lines (prototypes) for the following functions. Do not attempt to supply the blocks for the functions

- (a) A function called `isNegative` that tests whether a decimal number is negative.
- (b) A function called `thirdChar` which uses a string as input and returns the third character in the string.
- (c) A function called `detectAge` which returns a user's age (by asking for input and rejecting negative values).
- (d) A function called `printCode` that prints the ASCII code for a character.
- (e) A function called `add3` which returns the sum of three double parameters.