Contents

[How It Works 1](#_Toc57035908)

## How It Works

Roll up your sleeves and get yourself in the mood for functions, because it’s code challenge time!

Say what? Here’s how it works:

* Each exercise in this lesson has a C++ function for you to build.
* Each challenge has many solutions and we encourage you to be creative.
* We don’t care what goes on in the function as long as it works the way it should. (Notice those tests in main() for each function.)

As a refresher, C++ function syntax looks like this:

return\_type function\_name(paramater1, parameter2) {  
   
   // Code block here  
   
   return output\_if\_there\_is\_any;  
   
}

For example, with real code this might look like:

bool is\_even(int number) {  
   
  if (number % 2 == 0) {  
   
    return true;  
   
  }  
   
  return false;  
   
}

Best of luck!