✓ **Congratulations! You passed!**

| **Grade received** 100% | **Latest Submission Grade** 100% | **To pass** 75% or higher | [Go to next item] |

---

1. Using functions in code has which of the following impacts?

   ○ Improve code understandability

   ○ Facilitate code reuse

   ○ Support abstraction

   ⦿ All of the above

   ✓ **Correct**
   Correct!

   1 / 1 point

2. Which of these statements is true?

   ○ A function can have only one return value.

   ○ A function cannot have more than two parameters.

   ⦿ A function can have parameters of different types.

   ○ The type of the arguments do not need to be specified.

   ✓ **Correct**
   Correct!

   1 / 1 point

3. Let's say that you are writing a function which takes a structure as an argument. What is a good reason to rewrite the function to take a pointer to the structure as an argument, instead of the structure itself?

   ⦿ The function needs to modify the structure.

   ○ The function needs to read data inside the structure.

   ○ The function needs to copy the structure.

   ○ The structure uses very little space in memory.

   ✓ **Correct**
   Correct!

   1 / 1 point

4. Which of the features of functions listed below improve code understandability?

   I. Low number of arguments

   II Performs several distinct tasks

   III. Low control-flow complexity

   ○ I and II

   ⦿ I and III

   ○ II and III

   ○ I, II, and III

   ✓ **Correct**
   Correct!

   1 / 1 point

5. What is a difference between passing a slice as an argument and passing an array as an argument?

   ○ Passing a slice passes a copy of all the data in the slice.

   ○ Passing an array is faster than passing a slice.

   ○ There is no difference.

   ⦿ Passing an array passes a copy of the entire array.

   ✓ **Correct**
   Correct!

   1 / 1 point