



✓ **Congratulations! You passed!**
TO PASS 75% or higher

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Module 1 Quiz

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

1 / 1 point

- ☐ Improve code understandability
- ☐ Facilitate code reuse
- ☐ Support abstraction
- ☒ All of the above

✓ **Correct**
Correct!

2. Which of these statements is true?

1 / 1 point

- ☐ 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!

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?

1 / 1 point

- ☒ 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!

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

1 / 1 point

- 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!

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

1 / 1 point

- ☐ 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!