

This file outlines the specific expectations of instructors for student solutions in assignment XX. Refer to the General Marking Scheme file for general expectations of student code.

The deadline for grading is **Monday, MONTH XXth at 10:00 AM (EST)**. Please complete 5 submissions by **Friday, MONTH XXth at 10:00 AM (EST)** so ISAs can give you feedback.

If you have any questions or clarifications, reply to the appropriate thread in the Assignment 01 Channel on Teams. Even if you do not have any questions, please keep an eye on the Assignment 01 Channel so that you are aware of any updates on marking. Other people's questions will be very useful to you as well while marking!

Contents

We will be handmarking QXX *question name* for style. These will appear in MarkUs as filenames a01q01.rkt and a01q02.rkt, respectively.

- QXX Purpose statements (Existence)
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Marking Scheme

QXX Purpose Statements (Existence):

Functions for Markings : *question-name*, ..., *question-name*

Follow the marking guidelines in the Purpose Statements (Existence) section in the General Marking Scheme.

QXX Purpose Statements (Correctness):

Required functions : *question-name*, ..., *question-name*

Follow the marking guidelines in the Purpose Statements (Correctness) section in the General Marking Scheme. **Note that the parameter names and the wording of the purpose statement are flexible.**

- **QXX (question name):** Here is an example of a correct purpose statement.

```
1 ;; (name param) ...
```

QXX Examples:

Required functions : *question-name*, ..., *question-name*

Follow the marking guidelines in the Examples section in the General Marking Scheme.

QXX Names:

Required functions : *question-name*, ..., *question-name*

Follow the marking guidelines in the Naming section in the General Marking Scheme to check parameter names and any constants the students may define.

The following are some examples for parameter and constant names (in case constants are present):

- **QXX (question name):**
 - **Parameters:** The main functions have X parameters respectively in the following order:

Note that these are not the only acceptable parameter names.

- **Constants:** Students *may* define,

```
1 (define name value)
```

And for testing purposes, they may define constants such as,

```
1 (define name value)
```

QXX Contract Correctness (Main Functions):

Required functions : *question-name*, ..., *question-name*

Follow the marking guidelines in the Contract Correctness section in the General Marking Scheme.

- **QXX (question name):** All contracts in QXX should have the same requirements given below.

```
1 ;; name : Type -> Type
2
3 ;; Requires :
```

QXX Contract Existence (Helper Functions):

Required functions : *question-name*, ..., *question-name*

This is for checking if students have written contracts for helper functions. Reward marks proportionally according to the MarkUs Rubric. Note this is only for checking if contracts exist or not for helper functions, format is checked in the next criteria for all functions.

QXX Contract Format:

Required functions : *question-name*, ..., *question-name*

Follow the marking guidelines in the Contract Format section in the General Marking Scheme

QXX Whitespace:

Required functions : *question-name*, ..., *question-name*

Follow the marking guidelines in the Whitespace section in the General Marking Scheme.

QXX Layout:

Required functions : *question-name*, ..., *question-name*

Follow the marking guidelines in the Layout section in the General Marking Scheme.

QXX Code Complexity:

Required functions : *question-name*, ..., *question-name*

Incorrect code should **still be marked for code complexity**. Students can and often should define helper functions to avoid repeating code and enhance readability. Below are some examples of helper functions, **But they can have different ones**. Do not deduct as long as there is no code repetition.

- **QXX (question name):**