



Quiz19

Due Apr 8 at 12pm **Points** 10 **Questions** 8
Available Apr 3 at 12am - Apr 8 at 12pm **Time Limit** 8 Minutes

Attempt History

| | Attempt | Time | Score |
|--------|---------------------------|-----------|--------------|
| LATEST | Attempt 1 | 7 minutes | 10 out of 10 |

❗ Correct answers will be available on Apr 8 at 2pm.

Score for this quiz: **10** out of 10
Submitted Apr 8 at 11:18am
This attempt took 7 minutes.

Question 1

1 / 1 pts

Which keyword is used to define new data types in Haskell?

☐ type

☒ data

☐ deriving

☐ typedef

Question 2

3 / 3 pts

type constructors vs. value constructors vs. values

| | |
|-------------------|--------------------------------|
| value constructor | <div>a mapping from in ↕</div> |
| value | <div>a non-parameteriz ↕</div> |
| type constructor | <div>a mapping from in ↕</div> |

Question 3

1 / 1 pts

Value constructors cannot be polymorphic

☐ True

☒ False

Question 4 1 / 1 pts

We can apply inputs to value constructors partially, relying on fully-curried feature of Haskell.

☒ True

☐ False

Question 5

1 / 1 pts

We can make a newly define type an instance of a given type class in implicit form using which keyword ?

☐ instance

☒ deriving

☐ type

☐ data

Question 6

1 / 1 pts

Which one is not a benefit of using records syntax in Haskell?

- ☐ Provides better readability
- ☐ Provides better writability
- ☒ Provides better execution efficiency
- ☐ Provides conciseness

Question 7

1 / 1 pts

How Maybe type constructor is useful?

☐ Can be used for union types

☒ Extends a type with a nullary value

☐ Helps extending types to be polymorphic

Question 8 1 / 1 pts

Having defined a recursive data type, we cannot do pattern matching on that data.

☐ True

☒ False

Quiz Score: **10** out of 10

