Dashboard / Courses / University / 2021-2022 / Spring 2022 / Bachelors / Block 2 Bs / [S22]ACC&PA / Quizzes — 10%
/ Quiz 13 — May 5 from 9:10 to 9:20 (10 minutes)

Started on	Thursday, 5 May 2022, 9:12 AM
State	Finished
Completed on	Thursday, 5 May 2022, 9:16 AM
Time taken	3 mins 41 secs
Marks	0.75/2.00
Grade	**3.75** out of 10.00 (**38**%)

Question **1**

Incorrect

Mark 0.00 out of 1.00

Which of the following models do not rely on a boolean flag to check whether a given expression is evaluated?

- ☐ a. All of the above
- ☐ b. The naive reduction model
- ☐ c. The self-updating model
- ☑ d. The cell model   ✖
- ☐ e. None of the above

Your answer is incorrect.

The correct answers are:
The naive reduction model,

The self-updating model

Question 2

Partially correct

Mark 0.75 out of 1.00

Which of the following terms of a call-by-name (lazy) lambda calculus with booleans, natural numbers, tuples, and sum types are considered **values**?

- ☑ a. `{(λx:Nat. x) 0, if true then 0 else succ 0}`   ✔
- ☐ b. `inl (if true then 1 else 2)`
- ☐ c. `if (iszero 0) then (λx:Nat. x) else (λx:Nat. 0)`
- ☑ d. `λx:Nat. 0`   ✔
- ☑ e. `{1, 2}`   ✔
- ☑ f. `(λx:Nat. x) 0`   ✘

Your answer is partially correct.

You have correctly selected 3.

The correct answers are: `{1, 2}`, `inl (if true then 1 else 2)`, `λx:Nat. 0`, `{(λx:Nat. x) 0, if true then 0 else succ 0}`

◄ Quiz 12 — May 4 from 10:50 to 11:00 (10 minutes)

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Jump to...

Quiz 14 — May 11 from 10:50 to 11:00 (10 minutes) ►