CS 511 Homework Assignment 06

Shahin Roozkhosh

TOTAL POINTS

19 / 24

QUESTION 1

1 Problem 1 4 / 4

✓ **+ 1 pts** φ is in high level Correct

✓ **+ 1 pts** φ is correct in most details

✓ **+ 1 pts** φ' is in high level correct

✓ **+ 1 pts** φ' is correct in most details

    + 0 pts incorrect or omitted

💬 can you please select the page corresponding to each problem. Otherwise your answers could be omitted.

QUESTION 2

2 Problem 2 3 / 4

✓ **+ 1 pts** Prime is Correct in high level

    + 1 pts prime is correct in most detail

✓ **+ 1 pts** coprime is correct in high level

✓ **+ 1 pts** coprime is correct in most detail

    + 0 pts incorrect or omitted

1 what do you mean by x != x?

QUESTION 3

3 Problem 3 4 / 4

✓ **+ 1 pts** (a) is correct

✓ **+ 1 pts** (b) is correct

✓ **+ 1 pts** (c) is correct in high level

✓ **+ 1 pts** (c) is Correct inmost details

    + 0 pts incorrect or omitted

2 assume must be introduced together with a box

QUESTION 4

4 Problem 4 3 / 4

✓ **+ 1 pts** the basic idea is Correct

✓ **+ 1 pts** The base case is correct /(the definition for D is correct)

✓ **+ 1 pts** The definition for inductive case is correct / (the exponential formula) in high level

    + 1 pts The definition for inductive case is correct / (the exponential formula) in most detail

    + 0 pts incorrect or omitted

QUESTION 5

5 Problem 5 4 / 4

✓ **+ 1 pts** code compiles and runs

✓ **+ 1 pts** correctly verified the unsatisfiable

✓ **+ 2 pts** correctly encoding the formulas

    + 0 pts omitted or incorrect

QUESTION 6

6 Problem 6 1 / 4

✓ **+ 1 pts** Code compiles and runs correctly

    + 1 pts code return the correct answer

    + 1 pts implemented the lazy evaluation, or correct formula for any m and n

    + 1 pts close to the lazy evaluation

    + 0 pts incorrect or omitted

1 Problem 1 **4 / 4**

✓ + **1 pts** φ is in high level Correct

✓ + **1 pts** φ is correct in most details

✓ + **1 pts** φ' is in high level correct

✓ + **1 pts** φ' is correct in most details

+ **0 pts** incorrect or omitted

💬 can you please select the page corresponding to each problem. Otherwise your answers could be omitted.

📊 gradescope

2 Problem 2 3 / 4

✓ + **1 pts** Prime is Correct in high level

  + **1 pts** prime is correct in most detail

✓ + **1 pts** coprime is correct in high level

✓ + **1 pts** coprime is correct in most detail

  + **0 pts** incorrect or omitted

1 what do you mean by x != x?

3 Problem 3 4 / 4

✓ **+ 1 pts** (a) is correct

✓ **+ 1 pts** (b) is correct

✓ **+ 1 pts** (c) is correct in high level

✓ **+ 1 pts** (c) is Correct inmost details

+ 0 pts incorrect or omitted

2 assume must be introduced together with a box

4 Problem 4 **3 / 4**

   ✓ **+ 1 pts** the basic idea is Correct

   ✓ **+ 1 pts** The base case is correct /(the definition for D is correct)

   ✓ **+ 1 pts** The definition for inductive case is correct / (the exponential formula) in high level

     + 1 pts The definition for inductive case is correct / (the exponential formula) in most detail

     + 0 pts incorrect or omitted

ılı gradescope

5 Problem 5 **4 / 4**

   ✓ **+ 1 pts** code compiles and runs

   ✓ **+ 1 pts** correctly verified the unsatisfiable

   ✓ **+ 2 pts** correctly encoding the formulas

     + 0 pts omitted or incorrect

6 Problem 6 1 / 4

✓ + **1 pts** Code compiles and runs correctly

+ **1 pts** code return the correct answer

+ **1 pts** implemented the lazy evaluation, or correct formula for any m and n

+ **1 pts** close to the lazy evaluation

+ **0 pts** incorrect or omitted

ıllı gradescope