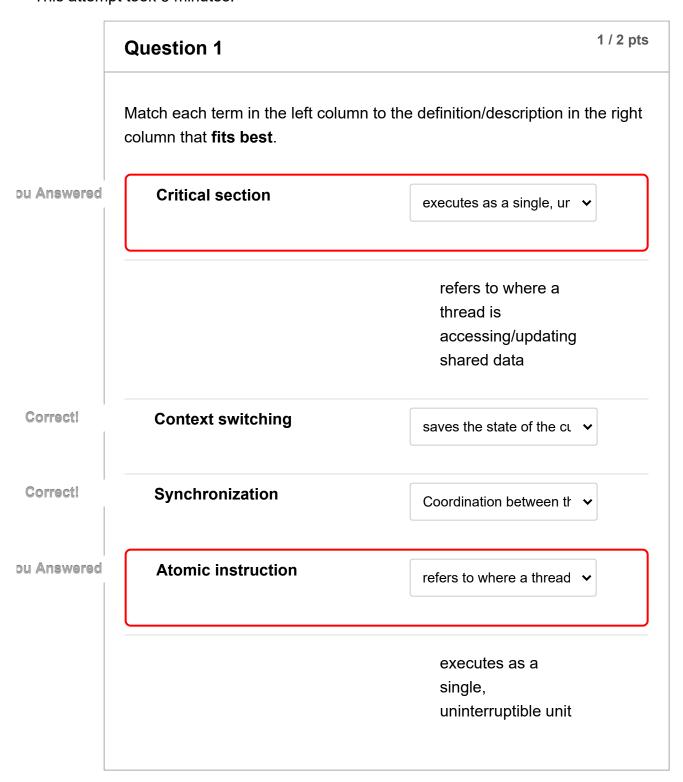
Q16 Results for Mualla Argin

Score for this attempt: **4** out of 5 Submitted Mar 2 at 10:52pm This attempt took 5 minutes.



Correct!

Correct!

Mark all correctness properties for the "Too much milk" problem discussed in Set 16 Never more than one person buys Someone buys if needed

Question 3

What best expresses the problem with this code for the "Too much milk" discussed in Set 16

Thread A

leave note A; if (noNote B) { if (noMilk) { buy Milk; } } remove note A;

Either all buy or no one buys

Thread B

```
leave note B;
if (noNote A) {
    if (noMilk) {
        buy Milk;
    }
}
remove note B;
```

two 'threads' end up buying milk

Correct!

- the code may result in starvation
- there is no problem with the code

Question 4 1/1 pts

What best expresses the problem(s) with this code for the "Too much milk" discussed in Set 16? Mark all correct answers.

Thread A

Thread B

```
leave note A;
while (note B) {
    do nothing;
}
if (noMilk) {
    buy milk;
}
remove note A;
```

```
leave note B;
if (noNote A) {
    if (noMilk) {
       buy milk;
    }
}
remove note B;
```

- the code fails safety property
- the code fails liveness property

Correct!

the code does not scale well for large number of threads

Correct!

- the code contains busy-wait cycles for the CPU
- the code does not exhibit any issues

Quiz Score: 4 out of 5