ECEN 5803

Partner Practice problems

1. PS = X, AL = Y.

Two women, Alice and Carol, and two men, Brian and David, are athletes. One is a swimmer, a second a skater, a third is a gymnast and a fourth is a tennis player. On one day they were seated around a square table:

1. The swimmer sat on Alice’s left
2. The gymnast sat across from Brian
3. Carol and David sat next to each other
4. A woman sat on the skater’s left.

Who is the tennis player and who is the swimmer?

1. PS = Y, AL = X.

Write a program in C or pseudocode to implement the logic you used to solve problem 1.

Bonus:

In the additions below, each letter represents a different decimal digit.

AAA AAA

BBB DDD

+ CCC + EEE

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FGHI FGHI

What digit does A represent?