MagPieLab P1 Questions

getResponse()

No, I did not finish the code. I couldn’t modify the family if statement and do exercise\_03 because I don’t think my findKeyword() method works properly.

findKeyword()

I did finish the code but I don’t think it works.

Code is pasted on the page below.

My code compared to the code given isn’t too similar. In my code I use recursion while the code given uses a while loop. They really aren’t that similar either when it comes to how they find the keyword as well.

I’d say my code is less efficient than the given code because it doesn’t work.

There isn’t much I could’ve done to make it better, but what I can do now is actually complete the program now that I know how it works better.

What I learned from comparing my code to the given code is how to complete MagPie Lab.

private int findKeyword(String statement, String goal, int startPos)

{

String modStatement = statement;

modStatement.trim();

modStatement.toLowerCase();

goal.toLowerCase();

int psn = modStatement.indexOf(goal, startPos);

char CHAR1, CHAR2;

CHAR1 = modStatement.charAt(psn - 1);

CHAR2 = modStatement.charAt(psn + goal.length());

if (CHAR1 == Character.MIN\_VALUE || CHAR1 == ' ')

{

if (CHAR2 == Character.MIN\_VALUE || CHAR2 == ' ')

{

return psn;

}

else

findKeyword(statement, goal, startPos + 1);

}

return -1;

}