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1. Explain what the procedure "greetings" do? What happened in that procedure?

Answer:

This procedure is used to 'break' my id student number into the number of students and what major I'm, also if I'm not from informatics, the program will give output of "hello, you're not from School of Computing, are you?"

2. Explain what happened in the swap_1 & swap_2 procedure, and explain why the result different?

Answer:

So basically & is a pointer and it used to return my variable, -I referring to return to function; So in swap_1 it has no pointer, that's why swap_1 still returns the same value as the input while swap_2 returns the value of b and c.

3. Based on the confused procedure, write which variables (x1, x2, x3) that pointed by the pointer pA, pB, pC, pD, and pE?

Answer:

x1 is pointed by pA, x2 is pointed by no one, and x3 is pointed by pB.

4. Explain what happened in remove_inside procedure! Write every steps in detail!

Answer:

First the line 81 until 87 it just declares and reads the value of arr array, and then the if else in line 89 is checking whether the x value is valid or not. Line 90 looping is to find and delete the 6th array and push the 7th array to 6th array and so on. And the last is line 94 it just print the all the value

5. Explain what happened in indexing procedure! Write every steps in detail!

Answer:

The t variable is from multiplier, etc. of several variable (x, y, z), and we put the t variable in if else and we get the grade.