

Lab 5

Procedure

Instruction: Study procedures (p. 123 in 4th edition; p. 119 in 5th edition) and perform the following programming problem.

The problem that you are about to solve is based on the problem in Lab 2 item B that asks for three inputs (first name, middle name and last name) and displays them. Create three (3) procedures (including the main procedure) in order to solve Lab 2 item B.

- a. main proc (main logic is here)
- b. get input proc
 - this procedure will ask for user input (first name, middle name and last name)
 - don't use 'brute force'-like logic; instead, create a generic procedure that will receive string parameter and return the inputted character (see equivalent C code below)

```
char get_input(char *str)
{
    char ch;

    printf("%s", str);
    scanf("%c", &ch);

    return ch;
}
```

- don't forget to display the inputted character as well

- c. display proc
 - this procedure will display the output string "Initial of your first name is __, middle name is __ and last name is __!"
 - this procedure will receive three parameters (see equivalent C function prototype below)

```
void display(char ch1, char ch2, char ch3);
```