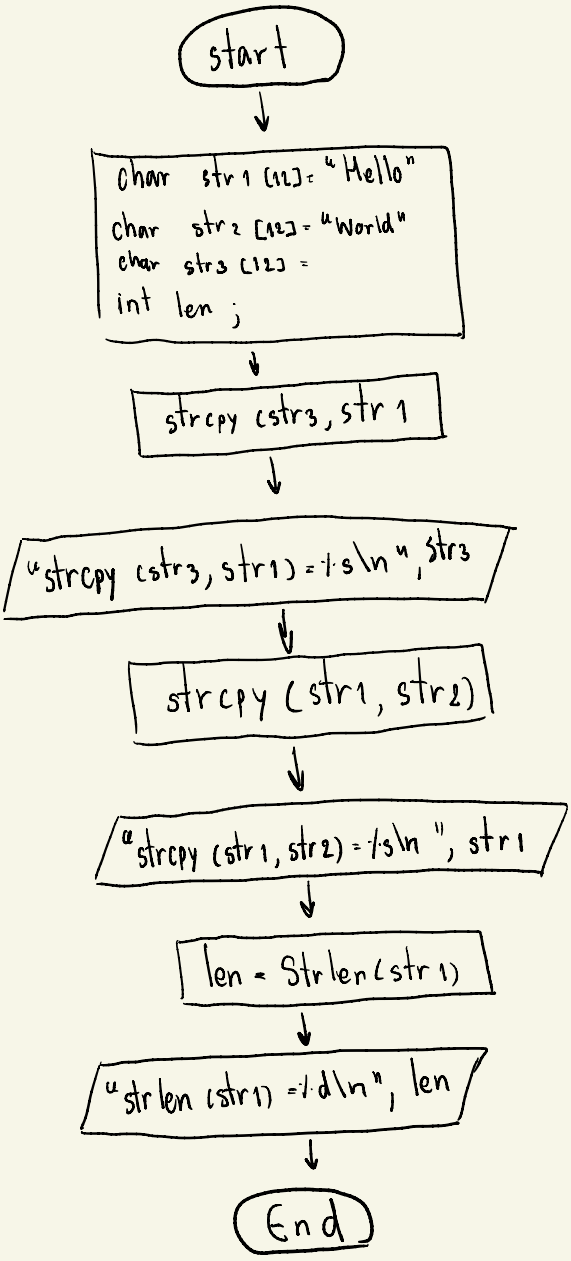
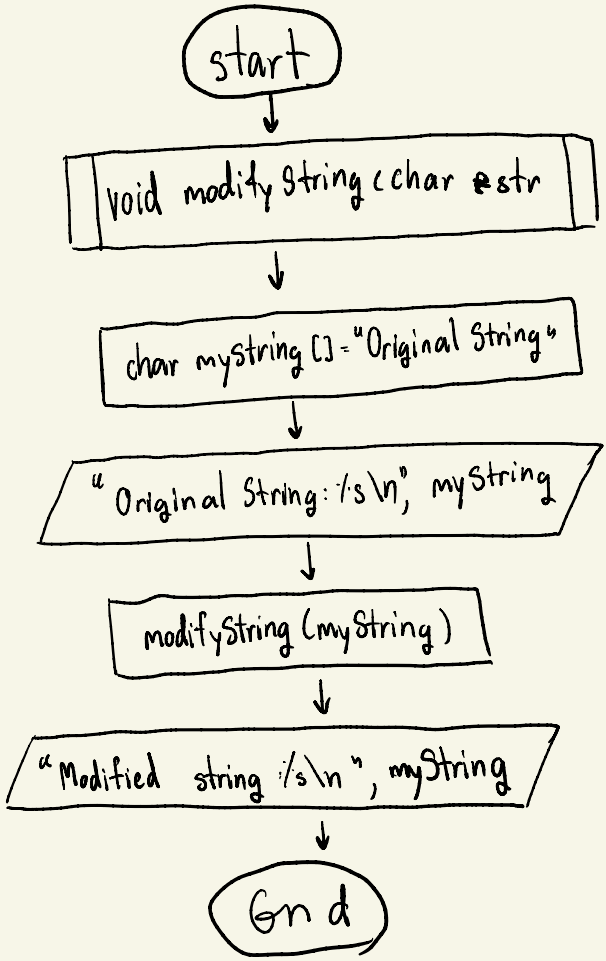
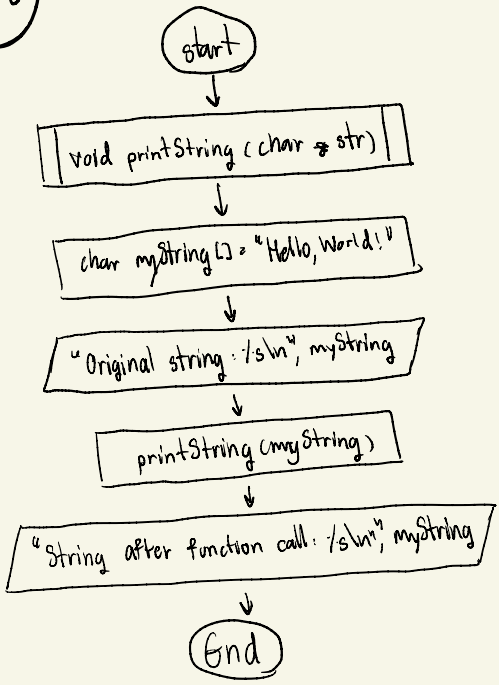
ข้อ 1

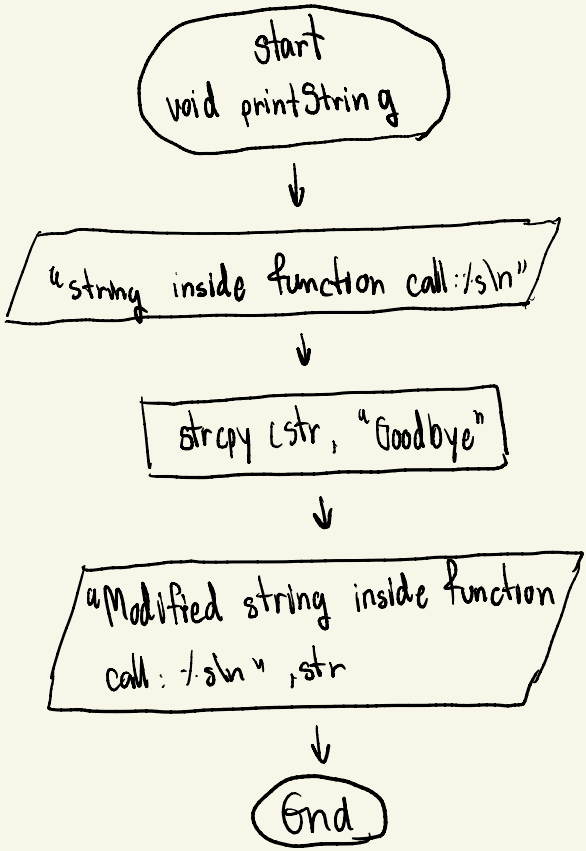

start
Char str1 [12] = "Hello"
char str2 [12] = "World"
char str3 [12] =
int len ;
strcpy (str3, str1
"strcpy (str3, str1) = %s\n", str3
strcpy (str1, str2)
"strcpy (str1, str2) = %s\n", str1
len = Strlen(str1)
"strlen (str1) = %d\n", len
End

ข้อ 2

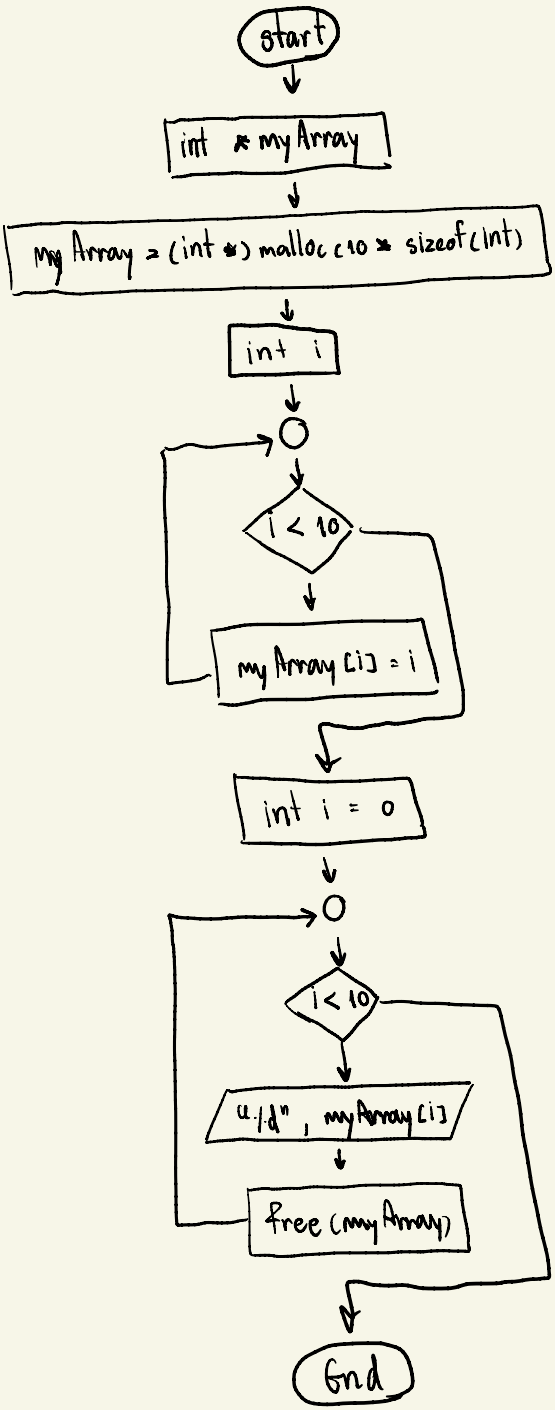

start
void modifyString(char *str
char myString[] = "Original String"
"Original String: %s\n", myString
modifyString(myString)
"Modified string: %s\n", myString
End

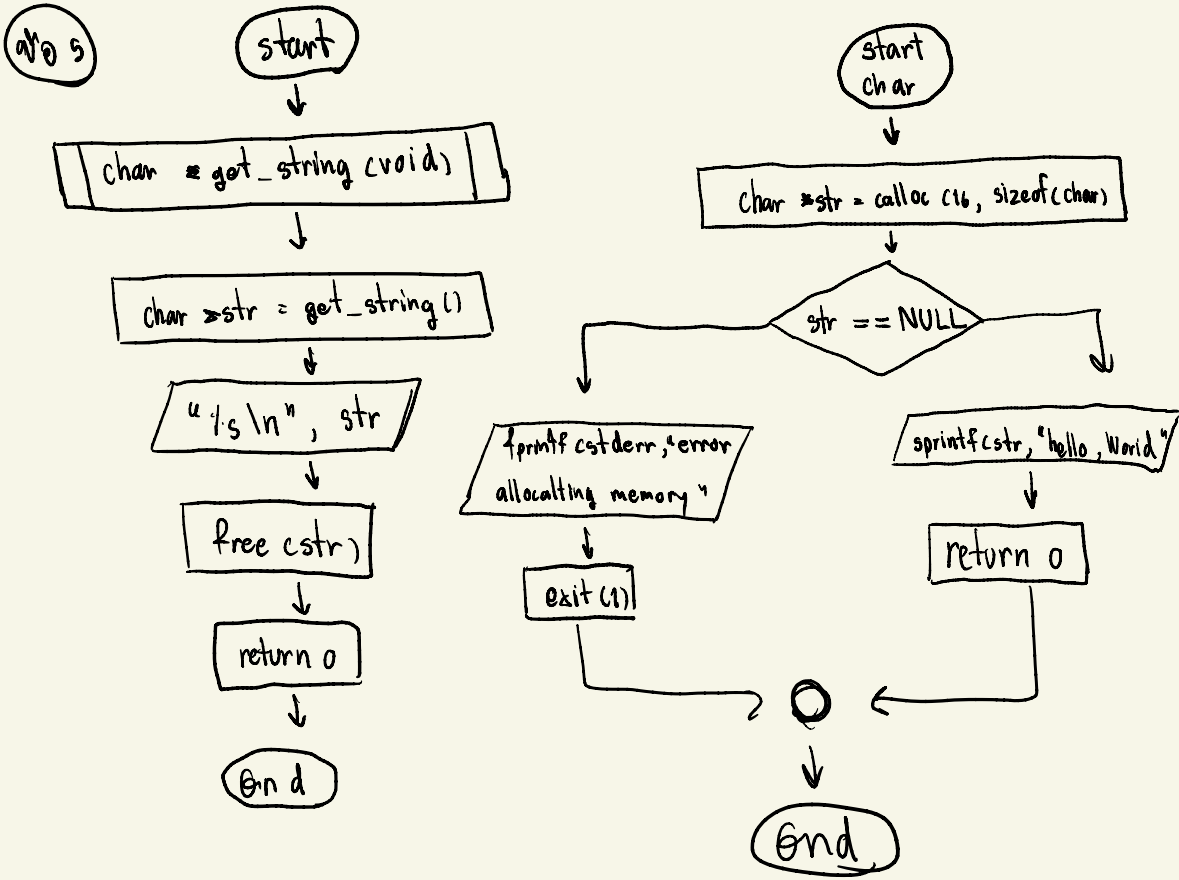
ข้อ 3


start
void printString (char *str)
char myString[] = "Hello, World!"
"Original string : %s\n", myString
printString (myString)
"String after function call: %s\n", myString
End


start
void printString
"string inside function call: %s\n"
strcpy (str, "Goodbye"
"Modified string inside function call: %s\n", str
End

4


start
int * myArray
myArray = (int *) malloc(10 * sizeof(int)
int i
i < 10
myArray[i] = i
int i = 0
i < 10
"%d", myArray[i]
free(myArray)
End



start
char *get_string (void)
char *str = get_string ()
"%s\n", str
free (str)
return 0
End
start
char
char *str = calloc (16, sizeof(char)
str == NULL
fprintf (stderr, "error allocalting memory"
exit (1)
sprintf (str, "hello, World"
return 0
End