**DATA STRUCTURE LAB EXERCISES**

**EXPERIMENT-2**

#include <stdio.h>

#include <ctype.h>

#include <string.h>

int isValidString(char str[]) {

if (strlen(str) == 0) return 0; // Empty string is invalid

for (int i = 0; str[i] != '\0'; i++) {

if (!isalpha(str[i])) {

return 0; // Invalid if not an alphabet

}

}

return 1; // Valid

}

int main() {

char str[100];

printf("Enter a string: ");

scanf("%s", str);

if (isValidString(str)) {

printf("The string is valid (only alphabets).\n");

} else {

printf("The string is invalid.\n");

}

return 0;

}

