## PRAKTIKUM POINTER-STARTTER

## INPUT & PENJELASAN :

```
#include <stdio.h>
#include <stdlib.h>
    #define MAX LENGTH 2024
    #define MIN_LENGTH 2023
10 void lessThanRequired(int *length);
void equalThanRequired();
12 void moreThanRequired(int *length);
    int checkLenghtRequirement(char* text);//menerima array karakter sebagai parameter.
    int main() {
     int lengthOfText, selectOption;
      FILE *fptr = NULL;
     // Membuka file untuk dibaca
fptr = fopen("file.txt", "r");
      fgets(text, MAX_LENGTH, fptr);
      selectOption = checkLenghtRequirement(text);
      lengthOfText = strlen(text);
      void (*functions[3])(int*) = {lessThanRequired, equalThanRequired, moreThanRequired};
      functions[selectOption](&lengthOfText);
      printf("\nThe Lenght is updated to %d", lengthOfText);// Menampilkan panjang teks setelah diupdate
      return 0:
    // Membuka file "file.txt" untuk dibaca.
// Membaca teks dari file ke dalam array text.
61 void lessThanRequired(int *length) {
     printf("\nThe length of your text is less than specified, please update your text");
printf("\nLength Before : %d", *length);
*length = MIN_LENGTH;
    void equalThanRequired() {
71 void moreThanRequired(int *length) {
    printf("\nYour text is too long, please reduce the text");
*length = MIN_LENGTH;
    int checkLenghtRequirement(char* text){
    int length = strlen(text);
      return (length < MIN_LENGTH) ? 0 : ((length == MIN_LENGTH) ? 1 : 2);
```

## OUTPUT :

PS C:\Users\david louis> cd "c:\Users\david louis\OneDrive\Documents\ASD\ASD\"

The length of your text is less than specified, please update your text Length Before : 312

The Lenght is updated to 2023