

Type of assignment: Individual activity

Submit your work through: https://drive.google.com/drive/folders/1d-zMlh4FnMyJjKDu6Ky_c-xbCrY805uZ?usp=sharing

Q1. Create c program that helps a user for opening and reading the contents of the files stored on desktop with extension **.txt** using file input/output.

Q2. Using c programming, create a program using array that helps user to update/change a value for any position.

Required:

Apply update operation

Array_name and size: *IT2025[10] = {10,20,30,40,50,60,70,80,90,100};*

Example: update value for position 5 with a value of **500**

Output before updating: *10 20 30 40 50 60 70 80 90 100*

Output after updating: *10 20 30 40 500 60 70 80 90 100*

Q3. Write and run a C program that contains nested structure with 2 structures:

□ Structure1: **BTech_A**, object1: **Student1**

Data members for structure1: **name**(string), **id**(integer)

□ Structure2: **BTech_B**, object2: **Student2**

Data members for structure2: **name**(string), **id**(integer)

Assign the values of data members of each structure using object and access these values of all data members of your structures.

Print the output of data members of these structures in this format below:

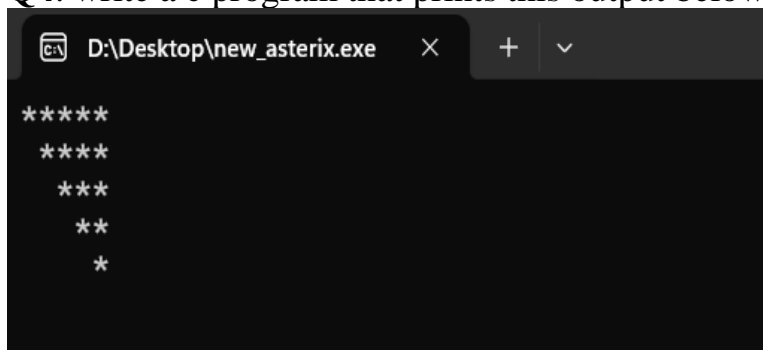
Information of student1:Name: **kalisa**

Id :01

Information of student2: Name: **Mugisha**

Id :10

Q4. write a c program that prints this output below using for loop



```
D:\Desktop\new_asterix.exe  X  +  v
*****
****
***
**
*
```