**OOP ASSIGNMENT**

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**Problems and Issues with Procedural Programming**

# Disjoint Behavior:

Record of all users are highly corelated, but it is stored in different disjoint arrays and linked with the index number only.

* **Application**

There are four users of my application, and all have disjoint behavior.

**For Login:**

**For Donator:**

**A screen shot of a computer program

Description automatically generated with low confidence**

**A screen shot of a computer code

Description automatically generated with low confidenceFor Need Base Taker:**

**For Merit Base Taker:**

**A screen shot of a computer code

Description automatically generated with low confidence**

* **Game**

**Example 01:** Here, is the same problem for the game.

**A screenshot of a computer program

Description automatically generated with low confidence**

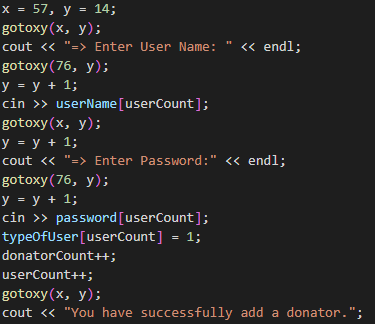
**A picture containing text, screenshot, font

Description automatically generatedExample 02:** Movement Variables for each action were stored in different variables which increased the disjoint behavior.

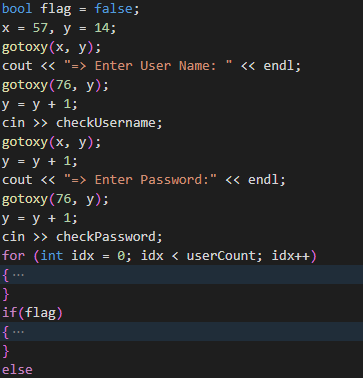
1. **Extending The Functionalities:**

* **Application**

**Example 01:** This code only adds the donator add the most least index in arrays. But if we want to add some donator at another index, we must write the change code.

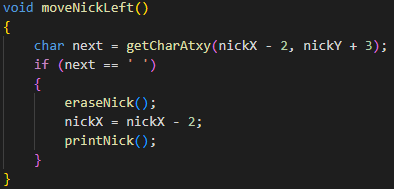


**Example 02:** This Function changes the remove donator from array at specific index. However, let’s say we want to remove all donators we have to write the different code.

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* **Game**

**Example 01:** This Function only moves Nick left. But if we want to move it any other direction, we have to write the change code.

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**Example 02:** This Function moves the Nick downward until it comes to ground. If we want to do same means move Nick upward until surface appear then we must write another code.

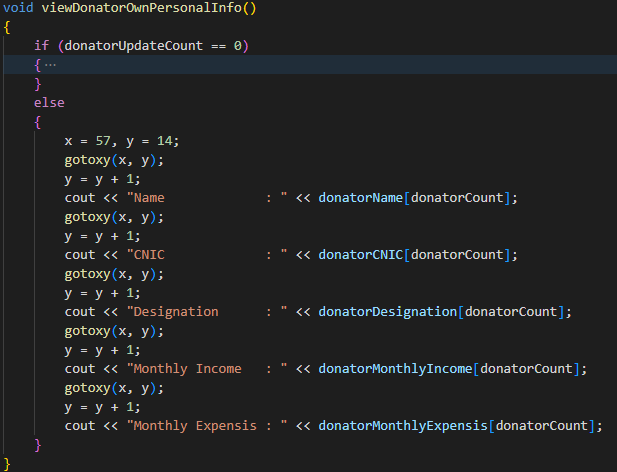
A picture containing text, screenshot, font, software

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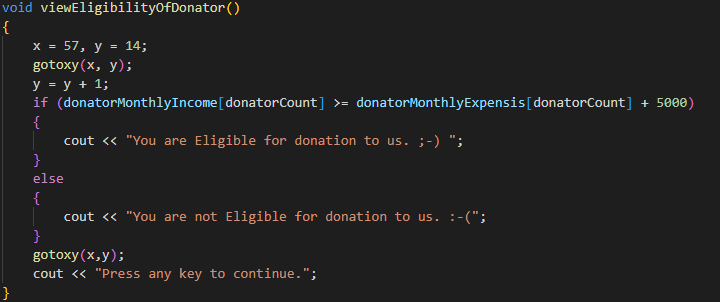
# Complete Access of Arrays:

* **Application**

**Example 01:** This function accesses the whole array of donator for view data. However, only selective portion of array should be accessible by each donator.

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**Example 02:** This function check and show the eligibility of donator but this function also accesses the whole array.

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