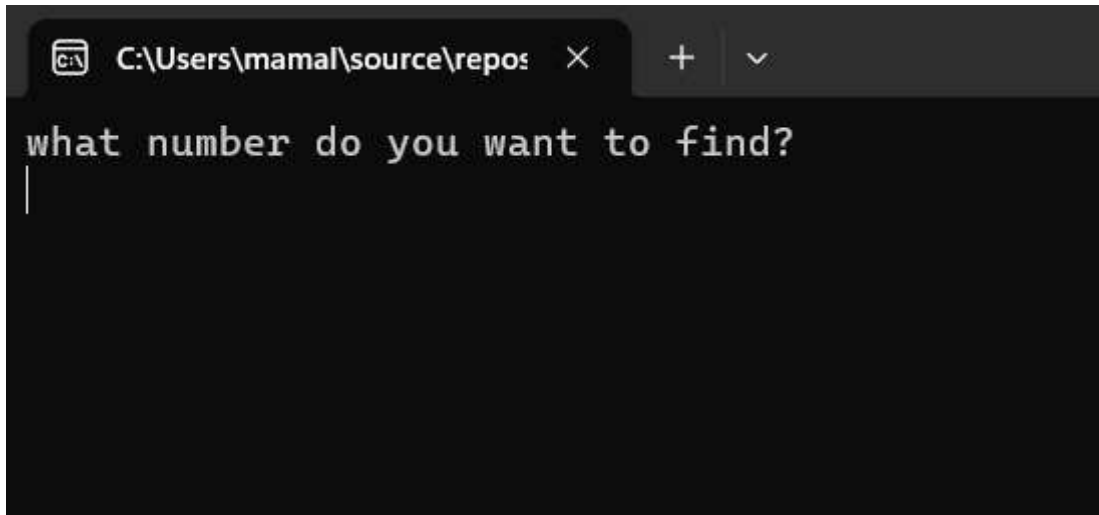
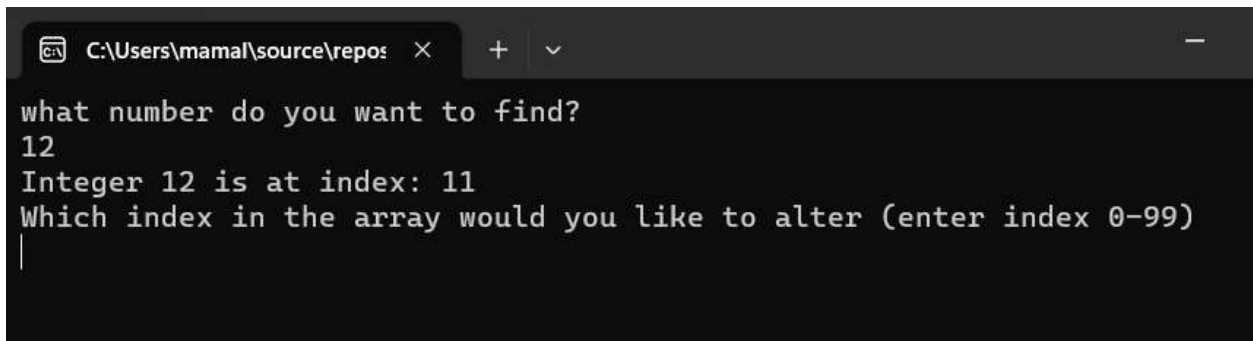


On starting the program you will be met with this screen below

A screenshot of a terminal window with a dark background. The title bar shows the file path 'C:\Users\mamal\source\repos' followed by a close button (X), a plus sign (+), and a dropdown arrow (v). The terminal displays the text 'what number do you want to find?' followed by a vertical cursor line on the next line.

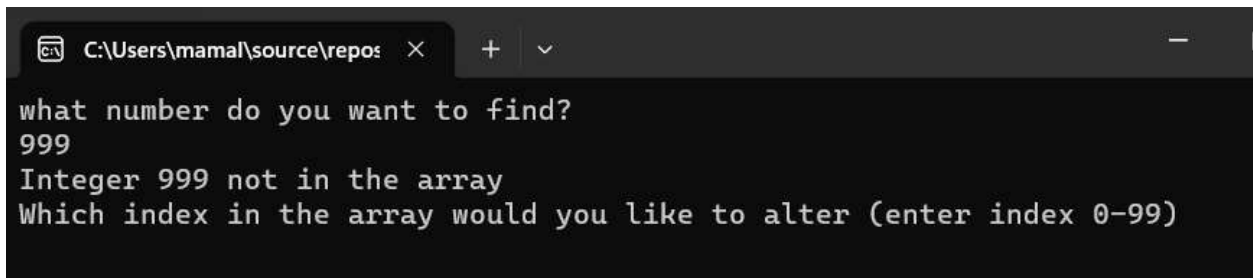
```
C:\Users\mamal\source\repos X + v
what number do you want to find?
|
```

Please enter an integer (i.e. 1, 2, 3, 12, 99, etc) and upon doing so will either give you one of two out comes

A screenshot of a terminal window showing the program's response to the input '12'. The title bar is the same as the previous screenshot. The terminal text is: 'what number do you want to find?', '12', 'Integer 12 is at index: 11', and 'Which index in the array would you like to alter (enter index 0-99)' followed by a vertical cursor line.

```
C:\Users\mamal\source\repos X + v -
what number do you want to find?
12
Integer 12 is at index: 11
Which index in the array would you like to alter (enter index 0-99)
|
```

Or

A screenshot of a terminal window showing the program's response to the input '999'. The title bar is the same as the previous screenshots. The terminal text is: 'what number do you want to find?', '999', 'Integer 999 not in the array', and 'Which index in the array would you like to alter (enter index 0-99)' followed by a vertical cursor line.

```
C:\Users\mamal\source\repos X + v -
what number do you want to find?
999
Integer 999 not in the array
Which index in the array would you like to alter (enter index 0-99)
|
```

Either way you will be moved onto the next part where you will be asked to enter another number but this time instead of it representing a value it will be representing an index or location of a value. Once you have put in an index you will be prompted to enter a NUMERICAL value. The value can be positive or negative but it must be a real and simple number as seen

below. Once youve done so you will see an output of the altered array

```
Which index in the array would you like to alter (enter index 0-99)
33
What would you like to change it to?
-1
Old value: 34
New Value:-1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 2
9 30 31 32 33 -1 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54
55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79
80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
Would you like to alter another index in the array? (Y/N)
```

You will be prompted if you would like to alter another index in which case you can enter “N” or “n” to continue or hit enter any value (string or integer) to alter another value. After continuing to the next section you will be prompted to:

Enter an integer to add to the array

Here you must input a specific integer you would like to add to the array. This can be done 50 times if you wish to do so and when you choose to continue it will spit out the new array.

```
Enter an integer to add to the array
12
Would you like to add another integer to the array? (Y/N)
y
Enter an integer to add to the array
33
Would you like to add another integer to the array? (Y/N)
y
Enter an integer to add to the array
9999
Would you like to add another integer to the array? (Y/N)
y
Enter an integer to add to the array
66
Would you like to add another integer to the array? (Y/N)
n
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 2
9 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54
55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79
80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 -10 12 33 9999 6
6
```

After doing so you will prompted to your last part of the program where you will be asked to insert an index youd like to delete.

```
Which index do you want to get rid of
101
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 2
9 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54
55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79
80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 12 9999 66
Would you like to remove another integer to the array? (Y/N)
```

This can also be done 50 times or until the user wishes to continue.