

1.Create a program that uses an Array List to store a list of names. The program should allow the user to add and remove names from the list, and should display the current list of names after each modification

<https://codeshare.io/r9IMMA>

```
Problems @ Javadoc Declaration Console ×
storearrayoflist [Java Application] C:\Program Files\Java\jdk-19\
1. Add name
2. Remove name
3. Display names
4. Quit
Enter choice: 1
Enter name to add: vimala
Name added.
1. Add name
2. Remove name
3. Display names
4. Quit
Enter choice: 3
Current list of names:
vimala
1. Add name
2. Remove name
3. Display names
4. Quit
Enter choice: 2
Enter name to remove: vimala
Name removed.
1. Add name
2. Remove name
3. Display names
4. Quit
Enter choice:
```

2.Create a program that uses a HashMap to store a dictionary of words and their meanings. The program should allow the user to add new words and meanings, and should display the meaning of a word when the user enters the word

<https://codeshare.io/wnvpWK>

```
Problems @ Javadoc Declaration Console ×
hashmap [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-Mar-2023, 5:43:26 pm) [pid: 19920]
Enter a word:
vimala
The word vimala is not in the dictionary.
Enter the meaning of vimala:
kind hearted
The word vimala has been added to the dictionary with the meaning: kind hearted
Do you want to continue? (y/n)
y
Enter a word:
```

3.Create a program that uses a Tree Set to store a list of integers. The program should allow the user to add and remove integers from the set, and should display the current set of integers after each modification

<https://codeshare.io/xv4MVL>

```
Problems @ Javadoc Declaration Console ×
treeset [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-11-2023 14:00)
Enter a number:
23
23 has been added to the set.
Do you want to continue? (y/n)
y
Enter a number:
```

4.Create a program that uses a LinkedList to implement a queue. The program should allow the user to add and remove items from the queue, and should display the current contents of the queue after each modification

<https://codeshare.io/r9IMVZ>

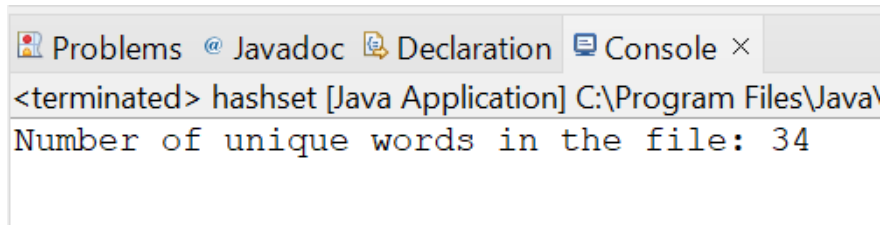
```
Problems @ Javadoc Declaration Console ×
<terminated> linkedlist [Java Application] C:\Program Files\Java\jdk-19\bin\javaw.exe (02-11-2023 14:00)
Enter 1 to add an item to the queue
Enter 2 to remove an item from the queue
Enter 3 to display the current queue
Enter 4 to exit
1
Enter the item to add to the queue: chocolate
Item added to queue

Enter 1 to add an item to the queue
Enter 2 to remove an item from the queue
Enter 3 to display the current queue
Enter 4 to exit
3
Current queue: [chocolate]

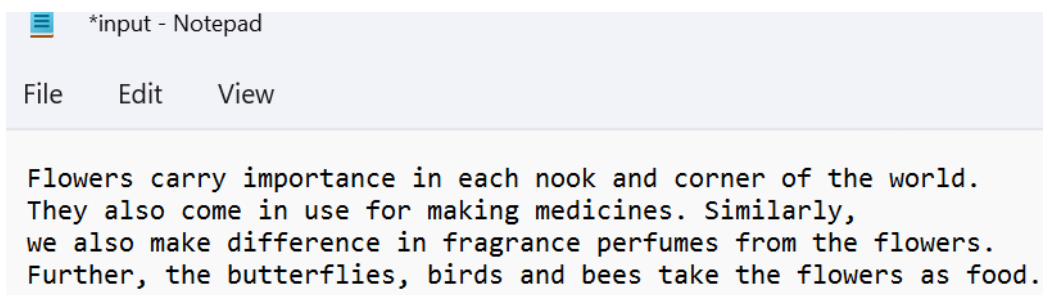
Enter 1 to add an item to the queue
Enter 2 to remove an item from the queue
Enter 3 to display the current queue
Enter 4 to exit
4
Exiting program
```

5. Create a program that uses a HashSet to store a set of strings. The program should read in a text file, and should add each word in the file to the set of strings. After all words have been added, the program should display the number of unique words in the file

<https://codeshare.io/qPmWPZ>



```
Problems @ Javadoc Declaration Console ×
<terminated> hashmap [Java Application] C:\Program Files\Java\
Number of unique words in the file: 34
```



```
*input - Notepad
File Edit View
Flowers carry importance in each nook and corner of the world.
They also come in use for making medicines. Similarly,
we also make difference in fragrance perfumes from the flowers.
Further, the butterflies, birds and bees take the flowers as food.
```