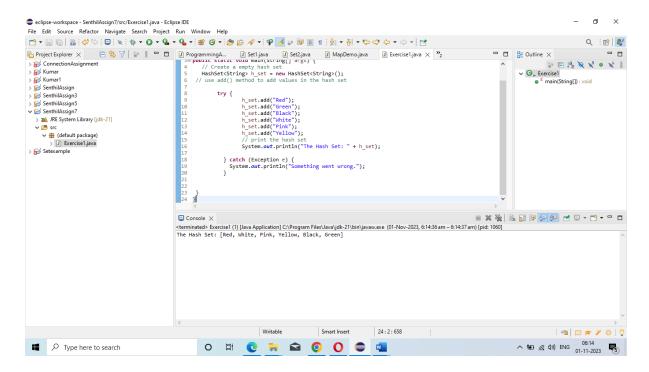
Assignment 7 Collections in Java-Solutions

1. Write a Java program to append the specified element to the end of a hash set.

Hint: Try using Integer instead of String along with Try.. Catch method

Codeshare link:

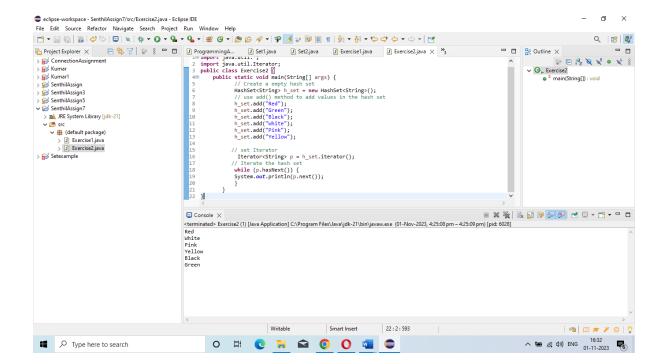
https://codeshare.io/YLvry3



2. Write a Java program to iterate through all elements in a hash list.

Codeshare link:

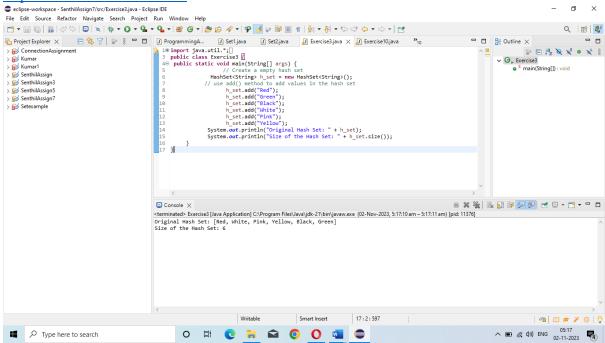
https://codeshare.io/1YwXxX



3. Write a Java program to get the number of elements in a hash set.

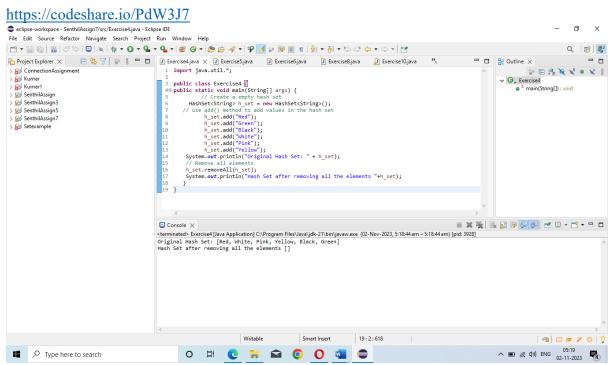
Codeshare link:

https://codeshare.io/DZ0z4E



4. Write a Java program to empty an hash set.

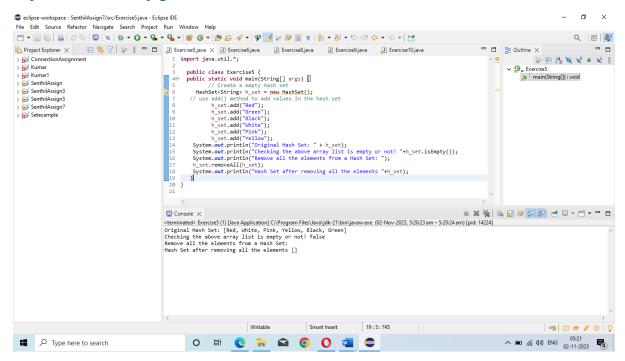
Codeshare link:



5. Write a Java program to test a hash set is empty or not

Codeshare link:

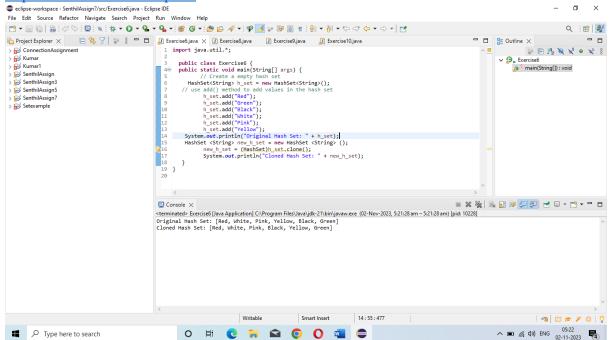
https://codeshare.io/qPgYWB



6. Write a Java program to clone a hash set to another hash set.

Codeshare link:

```
https://codeshare.io/MNqn4O
```



7. Write a Java program to convert a hash set to an array.

Codeshare link:

```
https://codeshare.io/OnxqJm
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Q 🔡 🐉
  Project Explorer × □ 🧐 🦻 🖁 □ 🗓 Exercise7.java ×
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      □ □ 📴 Outline 🗙
     1 import java.util.*;

2 public class Exercise7 {

30 public static void main(String[] args) {

// Create a emoty hash set
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             S main(String[]): void
                                                                                                                                                                                                 blt Statt void main(String[] args) {
    // Create a empty hash set
    HashSetCStrings h set = new HashSetCStrings();
    ves add() method to add values in the hash set
    h set.add("Sed");
    h set.add("Seach");
    h set.add("Seach");
    h set.add("Bink");
    h set.add("Mink");
    h set.add("Mink");
    h set.add("Value");
}

✓ I

SenthilAssian7

          > MRE System Library [jdk-21]
> Street System Library [jdk-21]
> Street System Library [jdk-21]
                                                                                                                                                                                                      h_set.add("Yellow");

Notes.add("Yellow");

                        (default package)

Exercise1.java

Exercise10.java

Exercise2.java
                           > [ Exercise3.java
                                                                                                                                                                                                  // Displaying Array elements
System.out.println("Array elements: ");
for(String element : new_array){
   System.out.println(element);
                           > D Exercise4.iava
                           > In Exercise5.iava
                          Exercise6.java

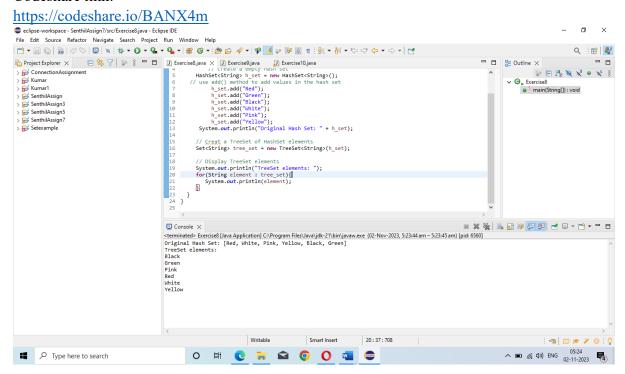
Exercise7.java

Exercise8.java

Exercise9.java
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    > 🔂 Setexample
                                                                                                                                                                cterminated= Exercise7[Java Application] C\Program Files\Dava\jdk-21\bin\javaw.exe (02-Nov-2023, 5:27:10 am - 5:27:10 am) [pid: 9684]
Original Hash Set: [Red, White, Pink, Yellow, Black, Green]
Array elements:
Red
White
Hash
                                                                                                                                                                 Pink
                                                                                                                                                                Yellow
Black
Green
                                                                                                                                                                                                                                                                                                                                                                                     19:45:676
                                                                                                                                                                                                                                                                                                                            Smart Insert
                                                                                                                                                                                                                                                          Writable
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        : 🔊 m 🕿 🏏 🚳 : 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ^ ■ ( 4)) ENG 05:28 (4)
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```

8. Write a Java program to convert a hash set to a tree set.

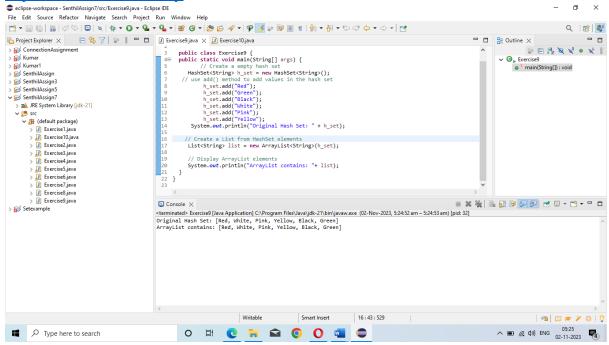
Codeshare link:



9. Write a Java program to convert a hash set to a List/ArrayList.

Codeshare link:

https://codeshare.io/JbZKqr



10. Write a Java program to compare two hash set.

Codeshare link:

https://codeshare.io/zyRYVE

