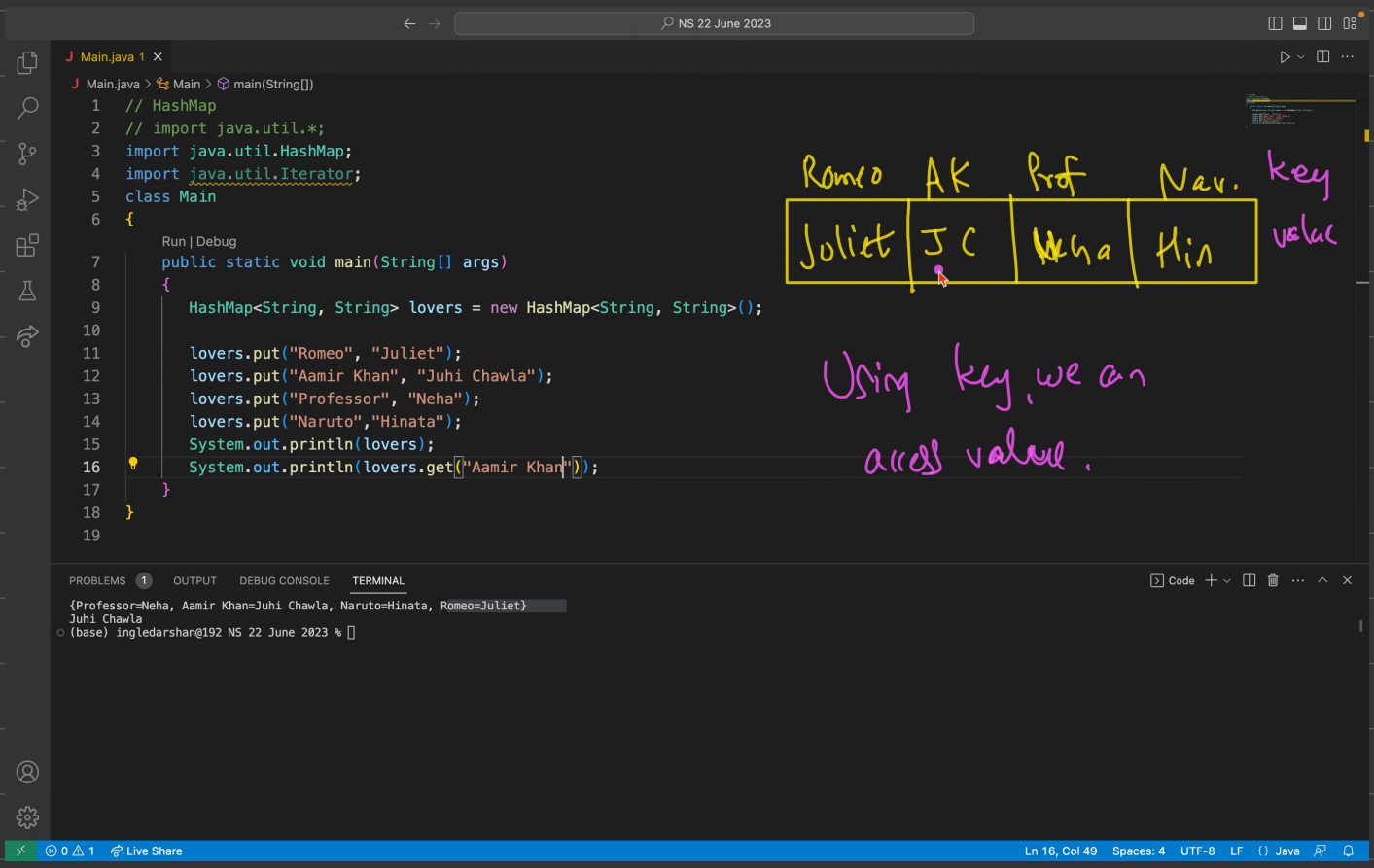
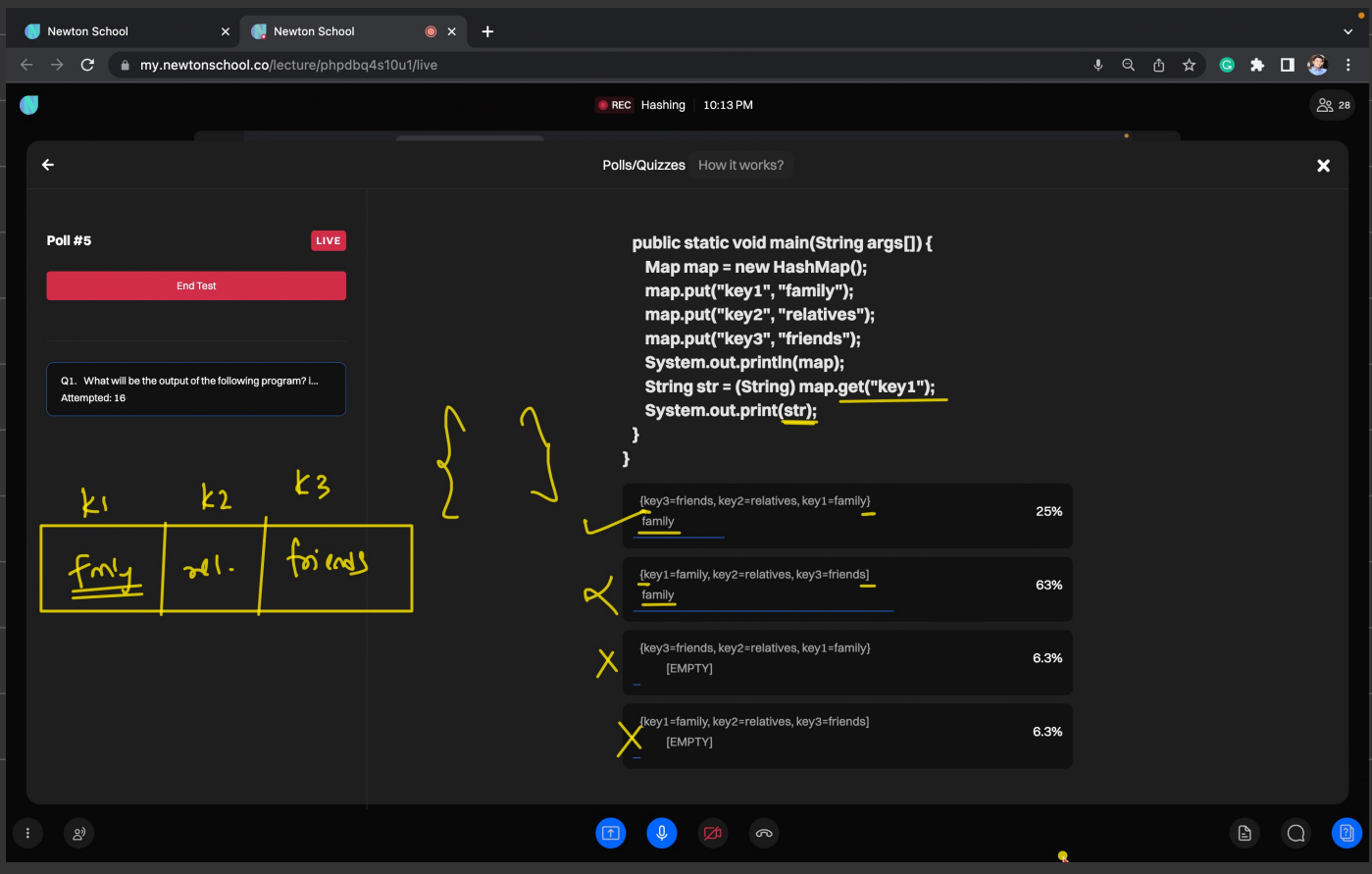
22 June 2023

HashMap:

>HashMap stores items in “key/value” pairs.

>We can access them by index of another type (eg: String)





Newton School

my.newtonschool.co/playground/code/lhszd6oden6r

Output

Print 26 space separated numbers that denote the number of occurrences of each character from 'a' to 'z'.

n-2
e-1
w-1
t-1
o-3
s-1
c-1
h-1
l-1

Example

Sample Input:-

newton school

Sample Output:-

0 0 1 0 1 0 0 1 0 0 0 1 0 2 3 0 0 0 1 1 0 0 1 0 0 0

a b c d e f g h i j k l m n o p q r s t u v w x y z

Generate Expected Output

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Main.java 1

Main.java > Main > main(String[])

```
74  {
        Run | Debug
75      public static void main(String[] args)
76      {
77          Scanner sc = new Scanner(System.in);
78          String input = sc.nextLine().toLowerCase();
79
80          int [] occurences = new int[26];
81
82          for(char c : input.toCharArray())
83          {
84              if(c >= 'a' && c <= 'z')
85                  occurences[c - 'a']++;
86          }
87
88          for(int count : occurences)
89          {
90              System.out.print(count + " ");
91          }
92  }
93  }
```

input = newton school

0 1 2 3 4 ... 24 25

97-97=0

98-97=1

a=97
b=98
c=99
d=100

PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL

```
Newton School
0 0 1 0 1 0 0 1 0 0 0 1 0 2 3 0 0 0 1 1 0 0 1 0 0 0
(base) ingledarshan@192 NS 22 June 2023 %
```

Live Share Ln 89, Col 10 Spaces: 4 UTF-8 LF Java