

# CSN-261 L4 REPORT

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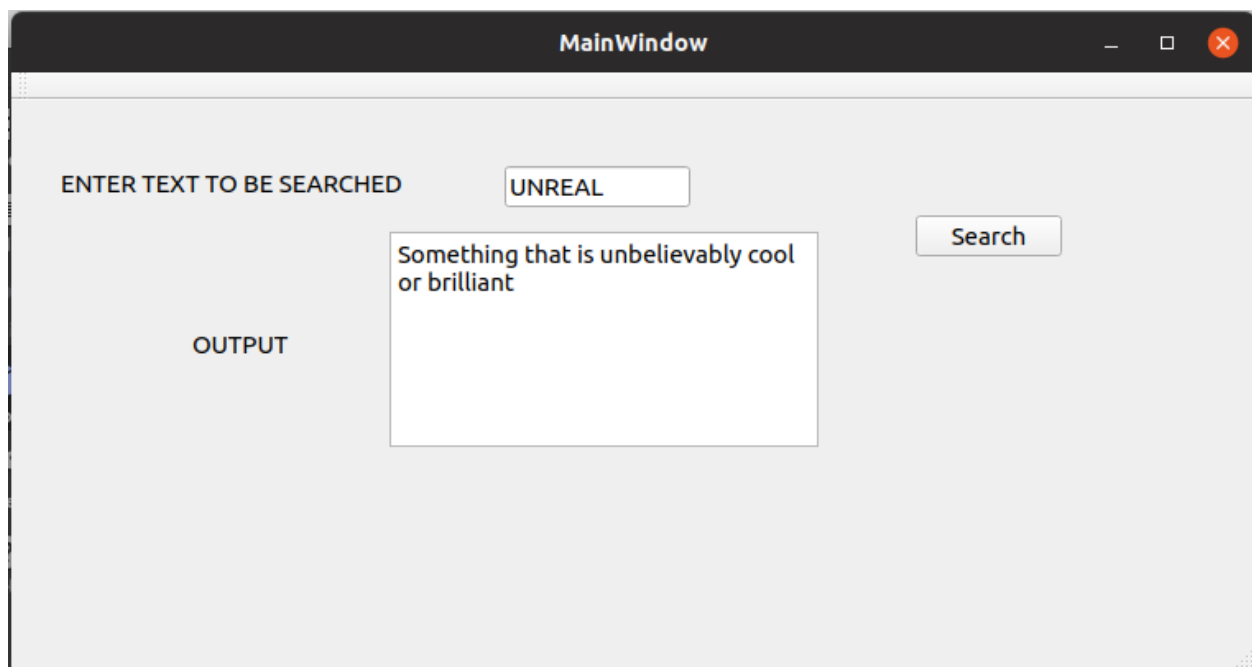
PROBLEM STATEMENT 1:

Objective:

1) Create interactive GUI based dictionary.

ALGOS USED:

TRIES....



## PROBLEM STATEMENT 2:

Objective:

N QUEENS PROBLEM

Algos Discuss:

BACKTRACKING...

```
as1ngh@TEELLOWART:~/CSN261/L4/Q2$ ./Q2
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0 0 1 0
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1 0 0 0
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0 0 0 1
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0 1 0 0
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0 1 0 0
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0 0 1 0
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POSSIBLE COMBINATIONS->2as1ngh@TEELLOWART:~/CSN261/L4/Q2$
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as1ngh@TEELLOWART: ~/CSN261/L4/Q2

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0 0 0 0 1
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0 0 0 0 1
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0 1 0 0 0
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0 0 0 1 0
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1 0 0 0 0
```

```
POSSIBLE COMBINATIONS->10as1ngh@TEELLOWART:~/CSN261/L4/Q2$
```

PROBLEM STATEMENT 3:

Objective:

Max length subarray with summation of numbers = n

Algos Discuss:

Hash Map;

```
as1ngh@TELOWART:~/CSN261/L4/Q3$ ./Q3
8
15 0 2 -3 1 5 3 -2
5
FIRST:1
SECOND:5
LENGTH:5
as1ngh@TELOWART:~/CSN261/L4/Q3$
```