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| RLE COMPression  Phone List compression |

# members

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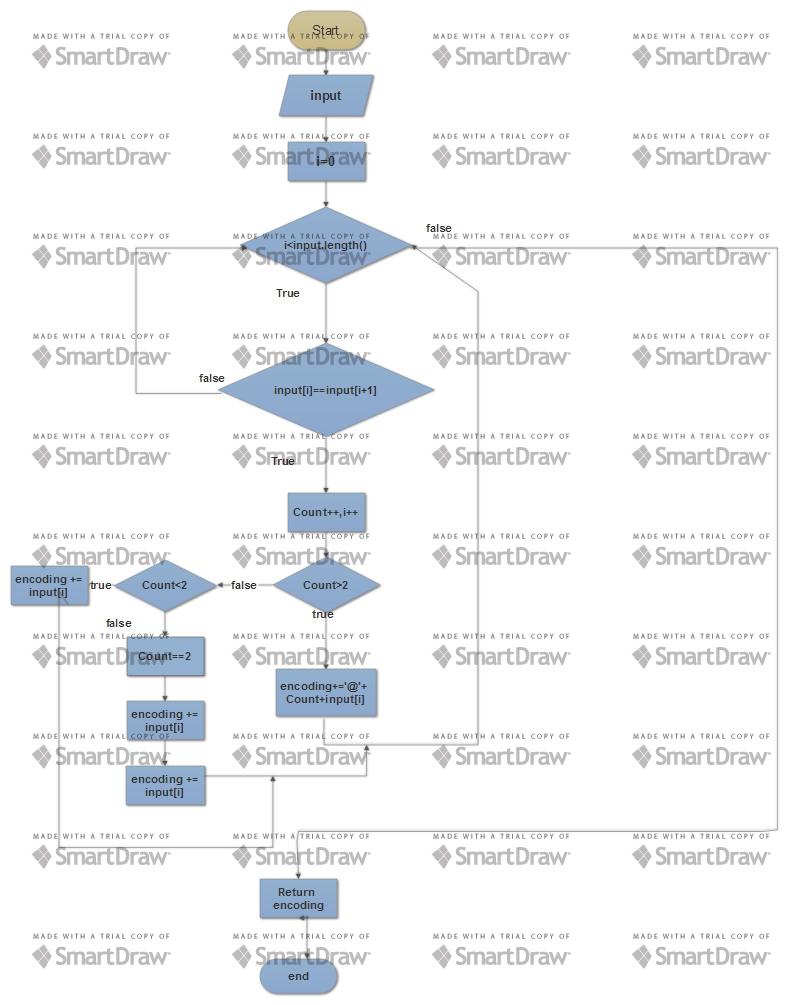
# introduction

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| This is a report of data compression as we compress phone list as text file and decompressed it  Using C++ language . |
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# Algorithm

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| We have used RLE on char level to compress this text file ( PhoneList.txt) |

# FlowChart



# Output sample:

The compressed file:

AliLoay 20405092839717 AtaiaBasme 3@313051084433

The decompressed file:

Ali Loay

20405092839717

Ataia Basme

31113051084433

# conclusion

the original file is stored in 763 bytes , but the compressed file will be stored in 632 bytes. Compression ratio= 632/763 = 0.828=82.8% So this type of compression is suitable for this data.