

Group 5  
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## User Document

The Zipcode program can be accessed in the Centos server folder of

/home/STCLOUDSTATE/ta9983ry/CSCI331/Project4

Here are the following steps for using the program:

- 1) Compile the program with: `g++ -o test Proj4_group5.cpp -std=c++11`
- 2) The application must be first specified with the zipcode that is to be searched for using the tag `-Z(zipcode)`

`./test -Z501`

- 3) The user will now be prompted to enter the name of the CSV they want to use.

“Enter the file name you would like to use or type <cr> to use the default file:  
us\_postal\_codes.csv”

- 4) After entering the CSV file name the user will be prompted to generate a primary key index, search a primary key index, or generate a Column Randomized CSV from an Ordered One The user will be prompted with the following:

“Do you want to generate a PKI(0) or search a PKI(1) or Generate a Column  
Randomized CSV from an Ordered One(2)”

- 5) The user can choose from options 0 to 2 according to their needs. In our case we will be selecting (1), which will provide an output like this:

```
[Do you want to generate a PKI(0) or search a PKI(1) or Generate a Column Randomized CSV from an Ordered One(2)1
Zipcode Found!
info:      ZipCode '501'
          Placename 'Holtsville'
          State 'NY'
          County 'Suffolk'
          Lat '40.8154'
          Long '-73.0451'
```