User Manuel

The program prompts you for a zip code. You enter the zipcode and it converts it to a barcode. It than ends the program. If a negative number is entered it will not work properly.

System Manuel

In this program the function int makeCheckDigit(int x) it divides the every digit of the zipcode by a number and that take the remainder and then divides by 10 and if it equal zero it stops but if not it will and one every time until it is divisible by 10.

Function string convertDigit (int digit) takes the number of every digit and it matches it up with its barcode and if it is not a digit between 0 and 9 than it will print out invalid.

Function std:: string barCode(int digit) take the zip code and matches each number with a barcode and then allows that to be printed out.

The main function takes the zip code entered and translates it into a barcode.