**What is ZPL (Zebra programming Language)?**

It is the command based programming language used by the printers as instructions to create the images printed on the labels.

**Why is the ZPL (Zebra programming Language important)?**

This specific program allows us to create barcodes , text and number code with ZPL

Zebra programming Language extension is .ZPL

**How does ZPl (Zebra programming Language work) ?**

Example to practice and get familiar with ZPl (Zebra programming Language work) [**http://labelary.com/viewer.html**](http://labelary.com/viewer.html)

ZPL official manual Guide: [**https://www.zebra.com/content/dam/zebra\_new\_ia/en-us/manuals/printers/common/programming/zpl-zbi2-pm-en.pdf**](https://www.zebra.com/content/dam/zebra_new_ia/en-us/manuals/printers/common/programming/zpl-zbi2-pm-en.pdf)

**Code Example**

^XA Code Begins

^FX Top section with logo, name and address.

^CF0,60

^FO50,50^GB100,100,100^FS

^FO75,75^FR^GB100,100,100^FS

^FO93,93^GB40,40,40^FS

^FO220,50^FD BULU BOX^FS

^CF0,30

^FO220,115^FD4000 Products^FS

^FO220,155^FD5240 S 19th St, Lincoln, NE 68512^FS

^FO220,195^FDUnited States (USA)^FS

^FO50,250^GB700,3,3^FS

**----------------------------------------------------------------------------------------------------**

^FX Second section with recipient address and permit information.

^CFA,30

^FO50,300^FDMarcus Quevedo^FS

^FO50,340^FD6001 Dodge St

^FS

^FO50,380^FDOmaha, NE 68182^FS

^FO50,420^FDUnited States (USA)^FS

^CFA,15

^FO600,300^GB150,150,3^FS

^FO638,340^FDPermit^FS

^FO638,390^FD123456^FS

^FO50,500^GB700,3,3^FS

**----------------------------------------------------------------------------------------------------**

^FX Third section with barcode.

^BY5,2,270

^FO100,550^BC^FD12345678^FS

**----------------------------------------------------------------------------------------------------**

^FX Fourth section (the two boxes on the bottom).

^FO50,900^GB700,250,3^FS

^FO400,900^GB3,250,3^FS

^CF0,40

^FO100,960^FDCtr. X34B-1^FS

^FO100,1010^FDREF1 BAY1^FS

^FO100,1060^FDREF2 BAY2^FS

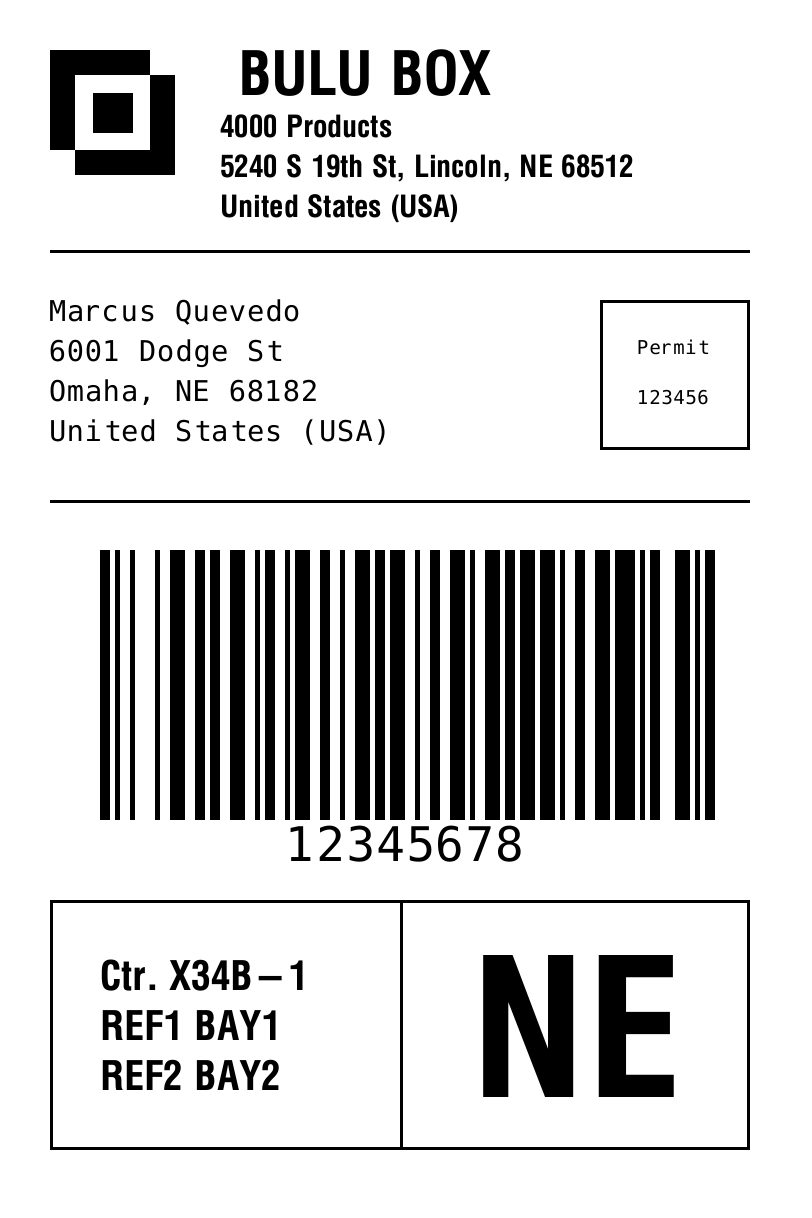
^CF0,190

^FO470,955^FDNE^FS

^XZ Code Ends

**Refrences**

1. [**https://www.zebra.com/us/en/support-downloads/knowledge-articles/ait/View-content-of-stored-ZPL-file-in-printer.html**](https://www.zebra.com/us/en/support-downloads/knowledge-articles/ait/View-content-of-stored-ZPL-file-in-printer.html)
2. [**http://labelary.com/viewer.html**](http://labelary.com/viewer.html)
3. [**https://www.zebra.com/content/dam/zebra\_new\_ia/en-us/manuals/printers/common/programming/zpl-zbi2-pm-en.pdf**](https://www.zebra.com/content/dam/zebra_new_ia/en-us/manuals/printers/common/programming/zpl-zbi2-pm-en.pdf)

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