

IPv4 Decimal to Binary Address Converter

User Documentation

Introduction

The IPv4 Decimal to Binary Address Converter will take an IPv4 address with decimal numbers and convert it into an IPv4 address in binary.

How to Use

When the program starts, you will be asked if you want to convert an IPv4 address into binary. Answer with a 'yes' or 'no' (or a 'y' or 'n') and hit enter to either continue with a conversion or exit the program.

```
Welcome to the IPv4 Decimal to Binary Address Converter

This program can convert a decimal IPv4 address into its binary equivalent
>> You can exit at any time by typing "quit" or "exit" <<

Do you want to convert an IPv4 address to binary?
```

On proceeding, you will be prompted to enter an IPv4 address. Enter your desired IPv4 address and hit enter. The program will then display the binary version of your specified IPv4 address, and ask if you want to convert another.

```
Do you want to convert an IPv4 address to binary? Yes

Please enter the IPv4 address you'd like to convert: █
```

Respond according to what you want to do, and the program will either run again or exit.

```
The IPv4 decimal address of 192.168.1.1 is equivalent to 11000000.10101000.00000001.00000001 in binary.

Do you want to convert another address? (Y/N): █
```



If you want to quit at any time, you can do so by typing 'quit' or 'exit'.



```
Thanks for using the converter. I hope you found it useful!

♥ Have a nice day ♥
```

FAQ

A valid IPv4 address has four segments, each separated by a period ('.'). Each segment is a whole number between 0 and 255 inclusive.