Robert Williams

Lab 3 – Binary to Decimal Conversion Program

4.) Perform Various Binary to Decimal Conversions

(Binary to Decimal Converter)

Enter an 8 - digit Binary Number

Example: 01101101 (positive only)

10010011

the decimal equivalent of

10010011

is 147.0

(Binary to Decimal Converter)

Enter an 8 - digit Binary Number

Example: 01101101 (positive only)

10101100

the decimal equivalent of

10101100

is 172.0

(Binary to Decimal Converter)

Enter an 8 - digit Binary Number

Example: 01101101 (positive only)

11100111

the decimal equivalent of

11100111

is 231.0

(Binary to Decimal Converter)

Enter an 8 - digit Binary Number

Example: 01101101 (positive only)

11100011

the decimal equivalent of

11100011

is 227.0

(Binary to Decimal Converter)

Enter an 8 - digit Binary Number

Example: 01101101 (positive only)

11011101

the decimal equivalent of

11011101

is 221.0

5.) One’s Complement

(Binary to Decimal Converter)

Enter an 8 - digit Binary Number

Example: 01101101 (positive only)

10000000

the decimal equivalent of

01111111

is 127.0

(Binary to Decimal Converter)

Enter an 8 - digit Binary Number

Example: 01101101 (positive only)

010000010

the decimal equivalent of

10111110

is 190.0

(Binary to Decimal Converter)

Enter an 8 - digit Binary Number

Example: 01101101 (positive only)

00111000

the decimal equivalent of

11000111

is 199.0

(Binary to Decimal Converter)

Enter an 8 - digit Binary Number

Example: 01101101 (positive only)

01110000

the decimal equivalent of

10001111

is 143.0

(Binary to Decimal Converter)

Enter an 8 - digit Binary Number

Example: 01101101 (positive only)

011000111

the decimal equivalent of

10011100

is 156.0