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Math for computer

1900-201

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CONVERSION

This program runs on Java.

It is user-friendly, with dialog boxes, and it converts to 4 types from the binary number system: Binary (BIN), Decimal (DEM), Octal (OCT), and Hexadecimal (HEX).

All the dialog boxes have specific instructions. Once compiled and ran.

1). Enter the first three letters of your type

-only type in your input.

-Example: if you want binary to decimal, only type: 'BIN'.

-Casing does not matter.

2). Then, input value corresponding to your first input.

Example: 101000

It will calculate the value into decimal, octal, hexadecimal and display it for the user.

3). Press OK.

If you want to do a different value or conversion type re-run program and repeat steps.

Note: Keep input strings less than 40.

Basic Rules

* Do not input the incorrect type of value in the wrong type of conversion.

Example: DO NOT PUT beef for anything other than hexadecimal.

It will crash the running program and you will have to start over.

* ONLY “0” and “1” can be the input for binary.
* ONLY TYPE THE FIRST THREE LETTERS.
  + It is meant to make for a quick calculation.
* If you want to start over PRESS CANCEL, not the “x”, it will start crash.

I have include in my screen recordings of example of what will happen if you don’t follow the rules set.

BIN – 101000

DEC – 257

OCT – 101

HEX – BEEF