

```
1  #!/bin/bash
2
3  [ -z "$1" ] && echo "Usage: `basename $0` [d|h][<number>" && exit 0;
4
5  case "$1" in
6      [dD]*)
7          NUM=$(echo $1 | cut -b 2-)
8          printf "\tDec\tHex\tBin\n"
9          printf "\t%d\t0x%02X\t%s\n" $NUM $NUM $(bc <<< "obase=2;$NUM")
10         ;;
11     [hH]*)
12         NUM=$(echo $1 | cut -b 2-)
13         NUM=$(echo $NUM | tr [:lower:] [:upper:])
14         printf "\tHex\t\tDec\t\tBin\n"
15         printf "\t0x%s\t\t%s\t\t%s\n" $NUM $(bc <<< "ibase=16;obase=A;$NUM") \
16             $(bc <<< "ibase=16;obase=2;$NUM")
17         ;;
18     0[xX]*)
19         NUM=$(echo $1 | cut -b 3-)
20         NUM=$(echo $NUM | tr [:lower:] [:upper:])
21         printf "\tHex\t\tDec\t\tBin\n"
22         printf "\t0x%s\t\t%s\t\t%s\n" $NUM $(bc <<< "ibase=16;obase=A;$NUM") \
23             $(bc <<< "ibase=16;obase=2;$NUM")
24         ;;
25     [bB]*)
26         NUM=$(echo $1 | cut -b 2-)
27         printf "\tBin\t\tHex\t\tDec\n"
28         printf "\t%s\t\t0x%s\t\t%s\n" $NUM $(bc <<< "ibase=2;obase=10000;$NUM") \
29             $(bc <<< "ibase=2;obase=1010;$NUM")
30         ;;
31     *)
32         printf "Dec\tHex\tBin\n"
33         printf "%d\t0x%08X\t%08d\n" $1 $1 $(bc <<< "obase=2;$1")
34         ;;
35  esac
```