```
| Binary | Dec | Char | Description
+-----+
| 00000000 | 0 | NUL | Null character
| 00000001 | 1 | SOH | Start of Header
| 00000010 | 2 | STX | Start of Text
| 00000011 | 3 | ETX | End of Text
| 00000100 | 4 | EOT | End of Transmission
| 00000101 | 5 | ENQ | Enquiry
| 00000110 | 6 | ACK | Acknowledge
| 00000111 | 7 | BEL | Bell
| 00001000 | 8 | BS | Backspace
| 00001001 | 9 | TAB | Horizontal Tab
| 00001010 | 10 | LF | Line Feed
| 00001011 | 11 | VT | Vertical Tab
| 00001100 | 12 | FF | Form Feed
| 00001101 | 13 | CR | Carriage Return
| 00001110 | 14 | SO | Shift Out
| 00001111 | 15 | SI | Shift In
| 00010000 | 16 | DLE | Data Link Escape
| 00010001 | 17 | DC1 | Device Control 1
| 00010010 | 18 | DC2 | Device Control 2
| 00010011 | 19 | DC3 | Device Control 3
| 00010100 | 20 | DC4 | Device Control 4
| 00010101 | 21 | NAK | Negative Acknowledge
| 00010110 | 22 | SYN | Synchronous Idle
| 00010111 | 23 | ETB | End of Transmission Block|
| 00011000 | 24 | CAN | Cancel
| 00011001 | 25 | EM | End of Medium
| 00011010 | 26 | SUB | Substitute
| 00011011 | 27 | ESC | Escape
```

```
| 00011100 | 28 | FS
                       | File Separator
| 00011101 | 29 | GS
                        | Group Separator
| 00011110 | 30 | RS
                       | Record Separator
| 00011111 | 31 | US
                       | Unit Separator
| 00100000 | 32 | (space)| Space
                                           |00100001 |33 |!
                      | Exclamation mark
| 00100010 | 34 | "
                       | Quotation mark
| 00100011 | 35 | #
                       | Number sign
|00100100 |36 |$
                       | Dollar sign
| 00100101 | 37 | %
                       | Percent sign
| 00100110 | 38 | &
                       | Ampersand
| 00100111 | 39 | '
                      | Apostrophe
| 00101000 | 40 | (
                      | Left parenthesis
| 00101001 | 41 | )
                      | Right parenthesis
| 00101010 | 42 | *
                       | Asterisk
| 00101011 | 43 | +
                       | Plus sign
| 00101100 | 44 | ,
                      | Comma
| 00101101 | 45 | -
                      | Hyphen
| 00101110 | 46 | .
                      | Period
| 00101111 | 47 | /
                      | Slash
| 00110000 | 48 | 0
                       | Digit 0
| 00110001 | 49 | 1
                       | Digit 1
| 00110010 | 50 | 2
                       | Digit 2
| 00110011 | 51 | 3
                       | Digit 3
| 00110100 | 52 | 4
                       | Digit 4
| 00110101 | 53 | 5
                       | Digit 5
| 00110110 | 54 | 6
                       | Digit 6
| 00110111 | 55 | 7
                       | Digit 7
| 00111000 | 56 | 8
                       | Digit 8
| 00111001 | 57 | 9
                       | Digit 9
| 00111010 | 58 | :
                      | Colon
```

```
|00111011 |59 |;
                     | Semicolon
| 00111100 | 60 | <
                      | Less-than sign
| 00111101 | 61 | =
                      | Equals sign
                                        | 00111110 | 62 | >
                      | Greater-than sign
| 00111111 | 63 | ?
                      | Question mark
                                          | 01000000 | 64 | @
                       | At sign
                                       | 01000001 | 65 | A
                      | Uppercase A
| 01000010 | 66 | B
                      | Uppercase B
| 01000011 | 67 | C
                      | Uppercase C
| 01000100 | 68 | D
                      | Uppercase D
| 01000101 | 69 | E
                      | Uppercase E
| 01000110 | 70 | F
                      | Uppercase F
| 01000111 | 71 | G
                      | Uppercase G
| 01001000 | 72 | H
                      | Uppercase H
| 01001001 | 73 | 1
                     | Uppercase I
| 01001010 | 74 | J
                      | Uppercase J
| 01001011 | 75 | K
                      | Uppercase K
| 01001100 | 76 | L
                      | Uppercase L
| 01001101 | 77 | M
                       | Uppercase M
| 01001110 | 78 | N
                      | Uppercase N
| 01001111 | 79 | O
                      | Uppercase O
| 01010000 | 80 | P
                      | Uppercase P
| 01010001 | 81 | Q
                      | Uppercase Q
| 01010010 | 82 | R
                      | Uppercase R
| Uppercase S
| 01010100 | 84 | T
                      | Uppercase T
| 01010101 | 85 | U
                      | Uppercase U
| 01010110 | 86 | V
                      | Uppercase V
| 01010111 | 87 | W
                       | Uppercase W
| 01011000 | 88 | X
                      | Uppercase X
| 01011001 | 89 | Y
                      | Uppercase Y
```

```
| 01011010 | 90 | Z
                      | Uppercase Z
| 01011011 | 91 | [
                      | Left square bracket
| 01011100 | 92 | \
                      | Backslash
| 01011101 | 93 | ]
                      | Right square bracket |
| 01011110 | 94 | ^
                       | Caret
                                       | 01011111 | 95 | _
                       | Underscore
| 01100000 | 96 | `
                      | Grave accent
|01100001 |97 |a
                       | Lowercase a
| 01100010 | 98 | b
                       | Lowercase b
|01100011 |99 | c
                       | Lowercase c
| 01100100 | 100 | d
                       | Lowercase d
|01100101 |101|e
                       | Lowercase e
| 01100110 | 102 | f
                       | Lowercase f
| 01100111 | 103 | g
                       | Lowercase g
| 01101000 | 104 | h
                       | Lowercase h
| 01101001 | 105 | i
                       | Lowercase i
| 01101010 | 106 | j
                       | Lowercase j
| 01101011 | 107 | k
                       | Lowercase k
| 01101100 | 108 | 1
                       | Lowercase |
| 01101101 | 109 | m
                        | Lowercase m
| 01101110 | 110 | n
                        | Lowercase n
| 01101111 | 111 | o
                       | Lowercase o
| 01110000 | 112 | p
                        | Lowercase p
| 01110001 | 113 | q
                       | Lowercase q
| 01110010 | 114 | r
                       | Lowercase r
| 01110011 | 115 | s
                       | Lowercase s
| 01110100 | 116 | t
                       | Lowercase t
| 01110101 | 117 | u
                       | Lowercase u
| 01110110 | 118 | v
                       | Lowercase v
| 01110111 | 119 | w
                        | Lowercase w
| 01111000 | 120 | x
                       | Lowercase x
```

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