

10진수 Decimal Numbers	2진수 Binary Numbers	8진수 Octal Numbers	16진수 Hexadecimal Numbers
0	0	0	0
1	1	1	1
2	10	2	2
3	11	3	3
4	100	4	4
5	101	5	5
6	110	6	6
7	111	7	7
8	1000	10	8
9	1001	11	9
10	1010	12	A
11	1011	13	B
12	1100	14	C
13	1101	15	D
14	1110	16	E
15	1111	17	F
16	10000	20	10

### RGB Colour Codes

#000000	#330000	#660000	#990000
#003300	#333300	#663300	#993300
#006600	#336600	#666600	#996600
#009900	#339900	#669900	#999900
#00CC00	#33CC00	#66CC00	#99CC00
#00FF00	#33FF00	#66FF00	#99FF00
#000033	#330033	#660033	#990033
#003333	#333333	#663333	#993333
#006633	#336633	#666633	#996633
#009933	#339933	#669933	#999933
#00CC33	#33CC33	#66CC33	#99CC33
#00FF33	#33FF33	#66FF33	#99FF33
#000066	#330066	#660066	#990066
#003366	#333366	#663366	#993366
#006666	#336666	#666666	#996666
#009966	#339966	#669966	#999966
#00CC66	#33CC66	#66CC66	#99CC66
#00FF66	#33FF66	#66FF66	#99FF66
#000099	#330099	#660099	#990099
#003399	#333399	#663399	#993399
#006699	#336699	#666699	#996699
#009999	#339999	#669999	#999999
#00CC99	#33CC99	#66CC99	#99CC99
#00FF99	#33FF99	#66FF99	#99FF99
#0000CC	#3300CC	#6600CC	#9900CC
#0033CC	#3333CC	#6633CC	#9933CC
#0066CC	#3366CC	#6666CC	#9966CC
#0099CC	#3399CC	#6699CC	#9999CC
#00CCCC	#33CCCC	#66CCCC	#99CCCC
#00FFCC	#33FFCC	#66FFCC	#99FFCC
#0000FF	#3300FF	#6600FF	#9900FF
#0033FF	#3333FF	#6633FF	#9933FF
#0066FF	#3366FF	#6666FF	#9966FF

16진수의 경우 RGB colour codes 등 많이 쓰이는 편

```

1  #include <stdio.h>
2
3  int main()
4  {
5      unsigned int decimal = 4294967295;
6      unsigned int binary = 0b11111111111111111111111111111111;
7      unsigned int oct = 037777777777;
8      unsigned int hex = 0xffffffff;
9
10     printf("%u\n", decimal);
11     printf("%u\n", binary);
12     printf("%u\n", oct);
13     printf("%u\n", hex);
14
15     printf("%o %x %o %x %X", decimal, decimal, decimal, decimal, decimal);
16
17     return 0;
18 }

```

Microsoft Visual Studio Debug Console

```

4294967295
4294967295
4294967295
4294967295
3777777777  ffffffff 0377777777 0xffffffff 0xFFFFFFFF
D:\github-repository\TBC\Chapter3\Debug\Lecture8.exe (process 29740) exited with code 0.
Press any key to close this window . . .

```

Output

```

Build started: Project: Lecture8, Configuration: Debug Win32
Lecture8.vcxproj -> C:\github-repository\TBC\Chapter3\Debug\Lecture8.exe
Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped

```