



(2)_d = (10)_b
(5)_d = (101)_b

$$\begin{array}{r} 10 \\ 10 \\ \hline 00 \\ 100 \\ \hline 100 \end{array}$$

$$\begin{array}{r} 10) 101(10 \\ \underline{100} \\ 1 \end{array}$$

The whole calculation in
Binary Number System

```
while ( n ) {  
    print ( n & 1 )  
    n >>= 1  
}
```

$$\begin{array}{r} 10) 10(1 \\ \underline{10} \\ 0 \end{array} \quad \begin{array}{r} 10) 1(0 \\ \underline{0} \\ 1 \end{array}$$