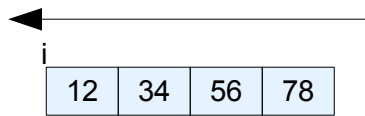
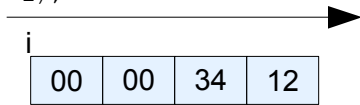


Endianness

```
01 #include <stdio.h>
02
03 int main() {
04     unsigned int i = 0x12345678, byteNum;
05     short s;
06     char *cp = (char *)&i;
07
08     for (byteNum = 0; byteNum < sizeof(int); byteNum++)
09         printf("Byte %d: %X ", byteNum, *cp++);
10
11     printf("\nEnter a value (i is 0x%X): ", i);
12     scanf("%d", &s);
13
14     printf("You entered %d (i is 0x%X)\n", s, i);
15
16     return 0;
17 }
18
19 /* Sample run:
20 Byte 0: 78 Byte 1: 56 Byte 2: 34 Byte 3: 12
21 Enter a value (i is 0x12345678): 42
22 You entered 42 (i is 0x12340000)
23 */
```



Big Endian Order



Little Endian Order

