```
// Q2
void Q2(void){
    unsigned int i = (unsigned char)5632 \mid 0x321 >> 3;
    /* what is i in binary
     cutting off the other bit from the number
        step 1: convert values to binary
        step 2: shift 0x321 3 bits to the right
        step 3: OR each bit
           i = 00000000 | 001100100001 >> 3
           i = 00000000 | 01100100
           i = 01100100
       i in binary is 01100100 ********ANSWER*******
   what is i in hex
       step 1: seperate the i(binary) into 4s
           i = 0110 0100
       i in hexidecimal is 0x64 *********ANSWER*******
           i = 01100100 = 2^2 + 2^5 + 2^6
```