

```
int main (void){
long Num;

char strlength;

setup_HW;

String_to_PC_Basic("Enter hex number then x, X or y, Y or AK\r\n");
Num = Int_from_PC_local(0x10, digits);

newline_Basic();

while(1){
    strlength = Long_Hex_and_Int_to_PC_Basic_local(0x10, Num);
    for(int m = strlength; m < (30 - strlength); m++)Char_to_PC_Basic(' ');
    strlength = Long_Hex_and_Int_to_PC_Basic_local(10, Num);
    for(int m = strlength; m < (30 - strlength); m++)Char_to_PC_Basic(' ');
    Long_Binary_to_PC_local(Num);
    String_to_PC_Basic("\r\n");

    switch(waitforkeypress_Basic()){
        case 'x': Num= Num * 0x10;break;
        case 'y': Num= Num / 0x10;break;
        case 'X': Num= Num * 10;break;
        case 'Y': Num= Num / 10;break;
        case 'z': Num = Num * -1; break;
        default:SW_reset;break;
    }
}
```