

```
int main (void){
int Num;
int Inc;
unsigned char digit_array[4], radix = 16;

setup_HW;

String_to_PC_Basic("Enter positive number and increment then x or y or AK\r\n");
    Num = Int_from_PC_Basic(digits);
    Hex_and_Int_to_PC_Basic(10, Num);
    Inc = Int_from_PC_Basic(digits);

Hex_and_Int_to_PC_Basic(10, Inc);
newline_Basic();

while(1){
    Hex_and_Int_to_PC_Basic(10, Num);
    Char_to_PC_Basic('\t');
    Hex_and_Int_to_PC_Basic(radix, Num);Char_to_PC_Basic('\t');    //Send the number to the pc with a radix of 16.
    Binary_to_PC_local(Num);    //Send the number to the pc in binary form
    String_to_PC_Basic("\r\n");

    switch(waitforkeypress_Basic()){
        case 'x': Num= Num + Inc;break;
        case 'y': Num= Num - Inc;break;
        case 'z': Num = Num * -1; break;
        default:SW_reset;break;
    }
}
```