

```
int main (void){                                //Example 1
    char num_string[12];
    long num;
    setup_HW;
    if(watch_dog_reset == 1)watch_dog_reset = 0; else
    String_to_PC_Basic("Enter number at keyboard\r\n");
    Num_string_from_KBD_Local(num_string);
    Char_to_PC_Basic('\t');
    num = Askii_to_binary_Local(num_string);
    Int_to_PC_Basic(num/2);
    newline_Basic();
    SW_reset;
    return 1;}
```

```
int main (void){                                //Example 2
    char num_string[12];
    long num = 2;
    long old_num = 2;
    setup_HW;
    String_to_PC_Basic("Multiply number by 2 and enter it\r\n");
    String_to_PC_Basic("2\r\n");
    while(1){

    Num_string_from_KBD_Local(num_string);
    num = Askii_to_binary_Local(num_string);

    if(num == old_num * 2)
    {newline_Basic();old_num = num;}
    else Char_to_PC_Basic('?');
    }
    SW_reset;
    return 1;}
```