Assignment 3- Buffer Overflow -1

Below is given a vulnerable program. This program asks for a password. The function test_pw uses simple bitwise manipulation to obfuscate the password comparison, so that the password is not literal in the source code. The goal of your exploitation is to print "You Win!" without cracking the password. The solution to your assignment is the exploit string. Also send the disassembled output of the program main.

On a lighter note, what is the password ? :)

```
#include <stdio.h>
int test_pw()
{
    char pin[10];
    int x=15, i;
    printf("Enter password: ");
    gets(pin);
    for (i=0; i<10; i+=2) x = (x & pin[i]) | pin[i+1];
    if (x == 48) return 0;
    else return 1;
}

void main()
{
    if (test_pw()) printf("Fail!\n");
    else printf("You win!\n");
}
```