PT = 11011001000001011101
M1 = 11011001
M2 = 00000101
M3 = 11010000

IV = 01011010
K = 00001111
Ipad = 01011100
Opad = 00110110

Z0 = 0101101001010011
Z1 = 1111110011011001
Z2 = 0000011100000101
Z3 = 0010001111010000
Z4 = 0100010000010100

P = 0101101000111001
Q = 1111001110100110
T = 00001111

HMAC construction

Plaintext:
```
11011001000001011101
```
[Next Plaintext]

length of Initialization Vector (IV), l, `8`

IV:
```
01011010
```
[Next IV]

Key, k:
```
00001111
```
[Next Key]

ipad: 0x5C (01011100)
opad: 0x36 (00110110)

Put your text of size 2l to get the corresponding value of hash of size l.

Your text:
```
1111001110100110
```
[get hash]

Hashed value:
```
00001111
```

Final Output:
```
00001111
```
[Check Answer!]

CORRECT!!