```
Enter two integers as specified in the test cases in the assignment on Canvas.
0
0
You entered two numbers (Integer, Hexadecimal, or Octal) as your input: 0  0

Binary bit patterns of inputA and inputB are:
00000000000000000000000000000000
00000000000000000000000000000000


>>>>>>>>>> ENTERING xorAB Function
result of XOR bitwise operation (_ ^ _) is 0
00000000000000000000000000000000



>>>>>>>>>> ENTERING andNotsAB Function
result of operation using bitwise ~ & is 0
00000000000000000000000000000000


>>>>>>>>>> ENTERING maxMinInt Function
unsigned int x just after ~0u = -1
11111111111111111111111111111111
unsigned int y just after ~0u = -1
11111111111111111111111111111111
max int x = 2147483647
01111111111111111111111111111111
most negative (min) int y = -2147483648
10000000000000000000000000000000
```

```
Enter two integers as specified in the test cases in the assignment on Canvas.
-1073741824
1073741823
You entered two numbers (Integer, Hexadecimal, or Octal) as your input: -1073741824  1
073741823

Binary bit patterns of inputA and inputB are:
11000000000000000000000000000000
00111111111111111111111111111111


>>>>>>>>>> ENTERING xorAB Function
result of XOR bitwise operation (_ ^ _) is -1
11111111111111111111111111111111



>>>>>>>>>> ENTERING andNotsAB Function
result of operation using bitwise ~ & is -1
11111111111111111111111111111111


>>>>>>>>>> ENTERING maxMinInt Function
unsigned int x just after ~0u = -1
11111111111111111111111111111111
unsigned int y just after ~0u = -1
11111111111111111111111111111111
max int x = 2147483647
01111111111111111111111111111111
most negative (min) int y = -2147483648
10000000000000000000000000000000
```

```
Enter two integers as specified in the test cases in the assignment on Canvas.
12345
67890
You entered two numbers (Integer, Hexadecimal, or Octal) as your input: 12345  67890

Binary bit patterns of inputA and inputB are:
00000000000000000011000000111001
00000000000000010000100100110010


>>>>>>>>>> ENTERING xorAB Function
result of XOR bitwise operation (_ ^ _) is 80139
00000000000000010011100100001011



>>>>>>>>>> ENTERING andNotsAB Function
result of operation using bitwise ~ & is 80139
00000000000000010011100100001011


>>>>>>>>>> ENTERING maxMinInt Function
unsigned int x just after ~0u = -1
11111111111111111111111111111111
unsigned int y just after ~0u = -1
11111111111111111111111111111111
max int x = 2147483647
01111111111111111111111111111111
most negative (min) int y = -2147483648
10000000000000000000000000000000
```

```
Enter two integers as specified in the test cases in the assignment on Canvas.
2147483647
1111111111
You entered two numbers (Integer, Hexadecimal, or Octal) as your input: 2147483647  11
11111111

Binary bit patterns of inputA and inputB are:
01111111111111111111111111111111
01000010001110100011010111000111


>>>>>>>>>> ENTERING xorAB Function
result of XOR bitwise operation (_ ^ _) is 1036372536
00111101110001011100101000111000



>>>>>>>>>> ENTERING andNotsAB Function
result of operation using bitwise ~ & is 1036372536
00111101110001011100101000111000


>>>>>>>>>> ENTERING maxMinInt Function
unsigned int x just after ~0u = -1
11111111111111111111111111111111
unsigned int y just after ~0u = -1
11111111111111111111111111111111
max int x = 2147483647
01111111111111111111111111111111
most negative (min) int y = -2147483648
10000000000000000000000000000000
```

```
Enter two integers as specified in the test cases in the assignment on Canvas.
999999999
55555
You entered two numbers (Integer, Hexadecimal, or Octal) as your input: 999999999  555
55

Binary bit patterns of inputA and inputB are:
00111011100110101100100111111111
00000000000000001101100100000011


>>>>>>>>>> ENTERING xorAB Function
result of XOR bitwise operation (_ ^ _) is 999952636
00111011100110100001000011111100



>>>>>>>>>> ENTERING andNotsAB Function
result of operation using bitwise ~ & is 999952636
00111011100110100001000011111100


>>>>>>>>>> ENTERING maxMinInt Function
unsigned int x just after ~0u = -1
11111111111111111111111111111111
unsigned int y just after ~0u = -1
11111111111111111111111111111111
max int x = 2147483647
01111111111111111111111111111111
most negative (min) int y = -2147483648
10000000000000000000000000000000
```

```
Enter two integers as specified in the test cases in the assignment on Canvas.
7777777
7777778
You entered two numbers (Integer, Hexadecimal, or Octal) as your input: 7777777  77777
78

Binary bit patterns of inputA and inputB are:
00000000011101101010110111110001
00000000011101101010110111110010


>>>>>>>>>> ENTERING xorAB Function
result of XOR bitwise operation (_ ^ _) is 3
00000000000000000000000000000011



>>>>>>>>>> ENTERING andNotsAB Function
result of operation using bitwise ~ & is 3
00000000000000000000000000000011


>>>>>>>>>> ENTERING maxMinInt Function
unsigned int x just after ~0u = -1
11111111111111111111111111111111
unsigned int y just after ~0u = -1
11111111111111111111111111111111
max int x = 2147483647
01111111111111111111111111111111
most negative (min) int y = -2147483648
10000000000000000000000000000000
```