

What is the binary representation of  $x=-12$ ? \*

1 point

- ☐ 12
- ☒ -4
- ☐ 11
- ☐ -12

what is the value of  $12|13$  and  $-12|13$ ? \*

1 point

- ☐ 13 -2
- ☒ 13 -3
- ☐ 12 4
- ☐ 13 4

short c=0;n=6 while(n!=0){ c=c----(n--- 1); n>>>----;} Fill in the blanks if  
System.out.println(c=2);

2 points

- ☐ & & 2 2
- ☐ ^ & 2 2
- ☒ + & 1 2
- ☐ + ^ 1 2

short res=0; x=7 while(x!=0){ res=res^\_ ; x=x & (x-\_); } Fill in the blanks  
System.out.println(res=1);

2 points

- ☐ 1 1 0
- ☐ 2 1 0
- ☐ 1 2 0
- ☒ 1 1 1

Fill in the blanks To swap to bits at position i and j bitmask=(1\_\_\_i)\_\_\_(1\_\_\_j)

2 points

- ☐ <<< & <<<
- ☒ << | <<
- ☐ >>> | >>>
- ☐ << & <<

Fill in the blanks to perform addition operation Bitwise carry= x \_\_\_y Bitwise sum  
x\_\_\_y

2 points

- ☐ ^ &
- ☐ ^ ^
- ☒ & ^
- ☐ & &

This form was created inside of SIKSHA 'O' ANUSANDHAN.

Google Forms