## <u>Dashboard</u> / My courses / <u>IT101\_2023</u> / <u>Practice Quiz Assessment</u> / <u>OpenQuiz on Bitwise Operator</u>

Started on Sunday, 24 September 2023, 4:21 PM

State Finished

Completed on Sunday, 24 September 2023, 5:29 PM

Time taken 1 hour 7 mins

Grade 13.00 out of 14.00 (93%)

Question 1

Correct

Mark 2.00 out of 2.00

Assuming correct syntax, what is the output of the following code segment?

$$\begin{array}{l} \text{int } \underline{i} = 9, \, \underline{j} = 13; \\ \underline{\text{printf}}(\text{"%d, \%d, \%d\n", i | j \& j | \underline{i}, \, \underline{i} | j \& \& j | \underline{i}, \, \underline{i} \, ^j);} \end{array}$$

a. 13, 1, 4

o b. 11, 4, 12

o. 4, 0, 12

od. 22, 12, 14

Your answer is correct.

The correct answer is:

13, 1, 4

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Question \boldsymbol{2}
Correct
Mark 2.00 out of 2.00
 Assuming that int takes one byte, what is printed?
 int k = 032;
 int j = \sim k;
 printf("%d", j);
  a. 205
  b. -27
  o. -26
  od. -51
 Your answer is correct.
 The correct answer is:
 -27
Question {\bf 3}
Correct
Mark 2.00 out of 2.00
 Find the output.
        1. #include <stdio.h>
       2. int main()
        3. {
       4. if (4 & 5)
       5. printf("I am ok");
       6. if ((-8 \& 0x000f) == 8)
             printf("I am not ok\n");
       7.
  a. All choices are wrong
  b. I am okl am not ok
  oc. I am not ok
  od. I am ok
 Your answer is correct.
 The correct answer is:
 I am ok
```

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\text{Question}~\textbf{4}
Correct
Mark 1.00 out of 1.00
 Which operator is used to check if a particular bit is on or off?
  ○ a.!
  b. &
  ○ c. ~
  O d. |
 Your answer is correct.
 The correct answer is:
Question 5
Correct
Mark 3.00 out of 3.00
   Find the output of this program when a = 23 and b = 12.
   Note: Do not include any spaces/text in your answer.
   int main() {
     int a, b, c;
     printf("Enter two numbers\n");
     scanf("%d%d",&a,&b);
     c = b \wedge (a \wedge b) \& a;
     printf("%d",c);
   return 0;
 Answer: 31
 The correct answer is: 31
```

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Question {\bf 6}
Correct
Mark 1.00 out of 1.00
 What is the output?
 #include <stdio.h>
 int main()
 {
    int a = 12, b = 25;
    printf("%d", a & b);
    return 0;
 }
 Answer: 8
 The correct answer is: 8
Question {\bf 7}
Correct
Mark 1.00 out of 1.00
 What is the output?
 #include <stdio.h>
    int main()
      int c = 2 ^ 3;
      printf("%d", c);
    }
 Answer: 1
  The correct answer is: 1
```

Question 8
Correct  Mark 1.00 out of 1.00
The correct C statements for performing the task "If number is not equal to 7, display a message "The number is not equal to 7" on
the screen are
if (number ~= 7)
printf("The number is not equal to 7");
Select one:
O True
The correct answer is 'False'.
Question <b>9</b> Incorrect
Mark 0.00 out of 1.00
The output of the following code is 4.
The calput of the following code to the
1. #include <stdio.h></stdio.h>
***************************************
2. int main()
3. {
4. int $a = 4$ ;
5. if $(a >> 1)$
6. printf("%d\n", a);
7. }
7. <i>3</i>
Select one:
○ True
© False X
The correct answer is 'True'.
The confect answer is True.
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