## **Bitwise operators**

**Due** Oct 2 at 11:59pm **Time Limit** 300 Minutes

Points 21

**Questions** 21

### **Attempt History**

	Attempt	Time	Score
LATEST	Attempt 1	11 minutes	21 out of 21

Score for this quiz: **21** out of 21 Submitted Oct 2 at 7:57pm This attempt took 11 minutes.

	Question 1	1 / 1 pts
	if ( 1 >> 1 ) putchar ( 'T'); else putchar ( 'F');	
	ОТ	
Correct!	● F	
	ОТТ	
	O FT	

Question 2	1 / 1 pts

```
What is printed
unsigned char a = 0x23;
unsigned char b = 0x45;

printf ( "c=0x%x\n", a & b );

c=0x23

c=0x45

c=0x67

Correct!

c=0x1
```

```
      Question 3
      1/1 pts

      unsigned char a = 0x10;
unsigned char b = 0;
if (~b)
putchar ('T');
else
putchar ('F');

      TT

      FF

Correct!

A 1/1 pts

1/1 pts
```

Question 4 1 / 1 pts

```
unsigned char a = 0x23;
unsigned char b = 0x45;

printf ( "c=0x%x\n", a | b );
What is printed ?

c=0x23

c=0x23

c=0x67

c=0x1
```

```
Question 5

unsigned char x = 0x21, y;
y = x & 0x1;
what is the value of y

Correct!

1

2

0x21

33
```

Question 6	1 / 1 pts

unsigned char x = 0x20, y; y = x >> 4; what is the value of y now?

Correct!

2

0 xF

0 xF

 Question 7
 1/1 pts

 unsigned char x = 0xF, y;

 x = x << 4 | 0xF;</td>

 what is the value of x ?

 ② 255

 ② 256

 ② 254

 ② 257

Correct!

Question 8 1/1 pts

unsigned char a = 0x10;

```
Question 9

1/1 pts

unsigned char x = 0x21, y;
y = x | 0x10;
what is the value of y now?

48

Correct!

9 49

0

1
```

```
Question 10

1 / 1 pts

unsigned char a = 0x10;
```

```
unsigned char b = 0;
if (a | b )
putchar ('T');
else
putchar ('F');
What is printed ?

F

Correct!

T

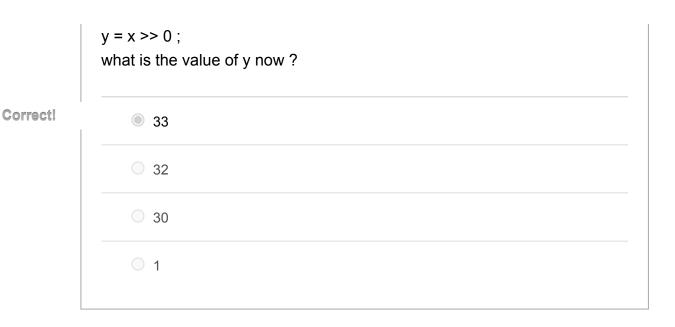
TT

TF
```

```
Question 12

1 / 1 pts

unsigned char x = 0x21, y;
```



## Question 13 Unsigned char x = 0x21, y; y = x & 0x10; what is the value of y now? 0 1 0x21 32

Correct!

```
Question 14

unsigned char a = 0x36 << 1;
printf ( "%d", a);
```

	Ox36
	O 54
Correct!	<ul><li>108</li></ul>

```
Question 15

unsigned char a = 0x36 >> 1;
printf ( "%d", a);

27

28

30

36
```

Correct!

Correct!

```
unsigned char a = 0x10;
unsigned char b = 0x1;
if (a & b)
putchar ('T');
else
putchar ('F');
What is printed?
```

O FT		
O TF		

# Question 17 1/1 pts unsigned char a = 0x24 >> 2; printf ( "%d", a); what is printed ? 24 36 18 9

Correct!

unsigned char a = 0x10;
unsigned char b = 0;
if (~b)
putchar ('T');
else
putchar ('F');

TT

FF

T

F

Correct!

Correct!

# unsigned char a = 0x10; unsigned char b = 0; if (a | b) putchar ('T'); else putchar ('F'); What is printed?

○ TF

	Question 21	1 / 1 pts
	unsigned char a = 0x36 >> 1; printf ( "%d", a);	
Correct!	<ul><li>27</li></ul>	
	O 28	
	O 30	
	O 36	

Quiz Score: 21 out of 21