## 22 Lecture - CS201

## Important Mcqs

1. What is the result of the following bitwise AND operation?
```
yaml
```


## Copy code

## 1010 \& 1101

a) 0000
b) 1000
c) 1010
d) 1101

Answer: b) 1000
2. What is the result of the following bitwise OR operation?
a) 0000
b) 1000
c) 1011
d) 1111

Answer: c) 1011
3. What is the result of the following bitwise XOR operation?
yaml

## Copy code

## 1010 ^ 1101

a) 0000
b) 0111
c) 1011
d) 1111

Answer: c) 1011
4. What is the result of the following left shift operation?
bash

## Copy code

a) 0010
b) 0100
c) 1000
d) 101000

Answer: d) 101000
5. What is the result of the following right shift operation?
yaml

## Copy code

1010 >> 2
a) 0010
b) 0100
c) 1000
d) 0000

Answer: a) 0010
6. What is the result of the following unsigned right shift operation?

```
diff
```

Copy code
a) 0010
b) 0100
c) 1000
d) 11111111111111111111111111110101

Answer: d) 11111111111111111111111111110101
7. What is the result of the following bitwise NOT operation?
a) 0101
b) 0101
c) 1101
d) 01011

Answer: c) 0101
8. What is the result of the following bitwise AND assignment operation? css

## Copy code

1010
1101
a) $a=0000$
b) $a=1000$
c) $a=1010$
d) $a=1101$

Answer: b) $\mathrm{a}=1000$
9. What is the result of the following bitwise XOR assignment operation?
css

## Copy code

1010
1101
a) $a=0000$
b) $a=0111$
c) $a=1011$
d) $a=1111$

Answer: c) $\mathrm{a}=1011$
10. What is the result of the following left shift assignment operation?
a) $a=0010$
b) $a=0100$
c) $a=1000$
d) $a=101000$

Answer: d) $a=101000$

