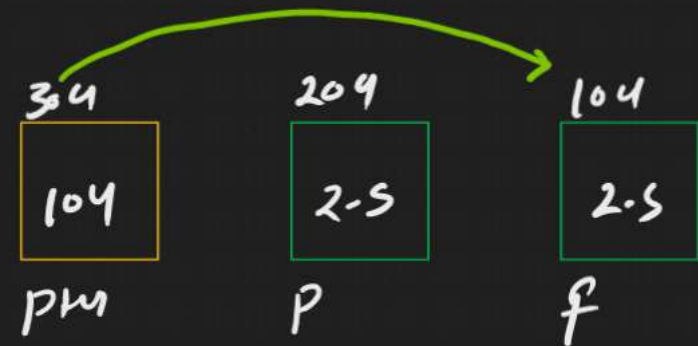


```
✓
1 // ✓ MCQ 01: What will be the output ? ✓
2 int main(){
3   ✓ float f= 10.5;
4   ✓ float p= 2.5;
5   ✓ float* ptr = &f;
6   ✓ (*ptr) ++;
7   ✓ *ptr = p;
8   ✓ cout << *ptr << " " << f << " " << p;
9   ✓ return 0;
10 }
```

↓ 2.5 ↓ 2.5 ↓ 2.5



⇒ *ptr ⇒ P
= 2.5
f = 2.5

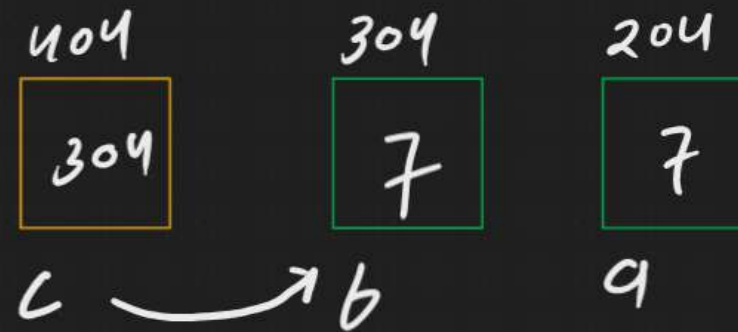
2.5 2.5 2.5

⇒ (*ptr) ++

⇒ *(104) ⇒ f ++

11.5

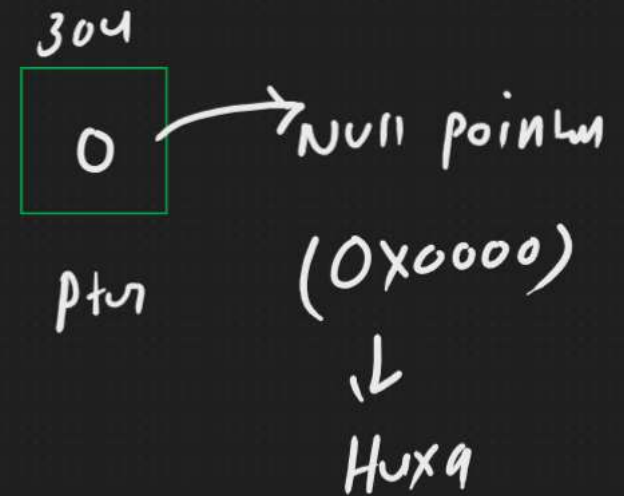
```
✓  
1 // ✓ MCQ 02: What will be the output ?  
2 int main(){  
3   ✓ int a = 7;  
4   ✓ int b = 17;  
5   ✓ int *c = &b; ✓  
6   ✓ *c = 7;  
7   ✓ cout << a << " " << b << endl;  
8   return 0;  
9 }
```



*c ⇒ *(304)
⇒ [b = 7]

a = 7
b = 7
✓

```
✓
1 // ✓ MCQ 03: What will be the output ?
2 int main(){
3     int *ptr = 0;
4     int a = 10;
5     *ptr = a;
6     cout << *ptr << endl;
7     return 0;
8 }
```



⇒ (*ptr) =
⇒ RUNTIME ERROR

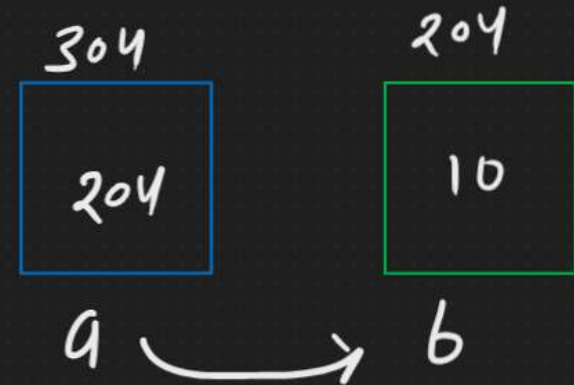
✓

- □ ×

✓ 1 // ✓ MCQ 04: Which of the following gives the memory address of variable 'b' pointed by pointer 'a' i.e.

✓ 2 int main(){
✓ 3 int b = 10;
✓ 4 int *a = &b;
5 return 0;
6 }

→ (out LL9)



✓ a) 204

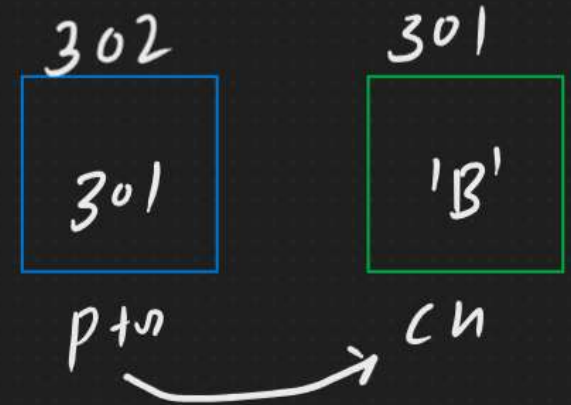
b) 10

c) 304

d) 100



```
1 // ✓ MCQ 05: What will be the output ?  
2 int main(){  
3     char ch = 'a';  
4     char* ptr = &ch;  
5     ch++;  
6     cout << *ptr << endl;  
7     return 0;  
8 }
```



$\Rightarrow ch++ \Rightarrow ch = 'B'$

$\Rightarrow *ptr \Rightarrow *(301) \Rightarrow ch = (B)$

```

1 // MCQ 06: What will be the output ?
2 int main(){
3     int a = 7;
4     int *c = &a;
5     c = c + 1;
6     cout << a << " " << *c << endl;
7     return 0;
8 }

```

$$\begin{aligned}
 c &= c + 1 \\
 &= 104 + 4 \\
 &= 108
 \end{aligned}$$

$$\begin{aligned}
 a &= 7 \\
 *c &= *(108) \\
 &= \text{garbage value}
 \end{aligned}$$

1 integer = 4 bytes

304
108
c

104
7
a