

○

Q3: Find the output of the following code snippet.

```
int a = 10, b = 20;  
int *ptr = &a;  
b = *ptr + 1;  
ptr = &b;  
cout << *ptr << " " << a << " " << b;
```

Explanation of the code:

- `*ptr = &a` → `ptr` points to `a`. So `*ptr` is 10.
- `b = *ptr + 1` → `b = 10 + 1 = 11`.
- `ptr = &b` → `ptr` now points to `b`.
- `cout << *ptr << " " << a << " " << b` → Outputs the value at `ptr` (which is now pointing to `b`), `a`, and `b`.

Output: 11 10 11

Correct answer: **11 10 11**