**Question: Find the output of the following code snippet:**

**int i =0, j = 0;**

**int \*p = &i, \*q = &j;**

**q = p;**

**\*q = 2**

**cout<<i<<" "<<j**

**Solution:**

In this code p is a pointer to integer variable i and q is a pointer to integer variable j.

So p is storing address of i and q is storing address of j.

Now By the statement q=p, q is now storing the value of p, i.e. q is storing address of i.

Now by \*q=2, we are updating the value at the address stored in q, i.e. value of i=2.

So by the last line, the final value of I and j will be printed.

**So the output will be:**

**2 0**