**Day-2 Assignment-2**

**Question: 1**

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;

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 output will be:**

**2 0**