

Data structures and algorithms with c++:

Assignment 2:

1. Find the output of the following code?

```
Int i =0, j=0;  
Int *p = &i , *q =&j;  
q=p;  
*q = 2;  
Cout<< i << " "<<j;
```

Solution :

Here p is the pointer for integer variable i and q is the pointer for j. here p and q are storing the address of i and j respectively. In the code q=p, where q is storing the address of p which the address of i. *q =2 that is i value is updated . that is value of i=2.

Output will be :

2.0