C++ Assignments | Pointers | Week 4

Q1 : Write a program to find the product of two numbers using pointers.

Q2 : `int *p, q;`

1. p is a pointer and q is an integer.
2. p and q both are pointers.
3. P and q both are integers.
4. Syntax is incorrect.

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;
```

1. 11 11 10
2. 10 10 10
3. 11 10 11
4. 10 11 10

Q4: Find the output of the following code snippet.

```
int a = 15, b = 20;
int *ptr = &a;
int *ptr2 = &b;
*ptr = *ptr2;
```

1. ptr now points to b
2. ptr2 now points to a
3. a gets value of b
4. b gets value of a

Q5: Is the following program snippet correct?

```
int a = 10, b = 20;
int *ptr;
*ptr = 5;
```

Note:- Please try to invest time doing the assignments which are necessary to build a strong foundation. Do not directly Copy Paste using Google or ChatGPT. Please use your brain😀.

```
int a = 10, b = 20;
int *ptr;
*ptr = 5;
```