```cpp
// Write a program to find the product of two numbers using pointers
#include<iostream>
using namespace std;
void product(int* ptr1,int*ptr2){
    int pro;
    pro =(*ptr1 )*(*ptr2);
    cout<<pro;
}
int main(){
    int a,b;
    cout<<"Enter the first number: ";
    cin>>a;
    cout<<"Enter the second number: ";
    cin>>b;
    int* ptr1 = &a;
    int* ptr2 = &b;
    product(ptr1,ptr2);
}
```

```cpp
// 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.

//answer :- 1. p is a pointer and q is an integer.
```

```cpp
// 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

//answer:-- 3. 11 10 11
```

```cpp
// 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



// answer:--3. a gets value of b
```

```cpp
// Is the following program snippet correct ?

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

//answer:-- incorrect.
```