Name & Roll No.   Total marks: 10   Total Time: 20 Mins.

Question 2: There is no mistake/error in the following C++ program. Write the output in the box given below.

```cpp
int doSomething(const int *begin, const int *end);
int main()
   {
   int a[] = { 8, 4, 5, 3, 2, 1, 4, 8 };
   cout << doSomething(a, a + 7) << endl;
   cout << doSomething(a + 3, a + 6) << endl;
   cout << doSomething(&a[2], &a[5]) << endl;
   }
 int doSomething(const int *begin, const int *end)
  {
  int x = 0;
  int *p = new int;
  *p=*begin;
  cout << *begin << " " << *end<<" ";
  x = *p + *begin + *end;
  x = x + *p - *begin + *end;
  delete p;
  return x;
  }
```

Output:

        8 8 32
        3 4 14
        5 1 12