**A-4: Arrays and Pointers**

**Question 1:**

How an array declaration and initialization handled?

**Answer:**

The initialization is split into multiple statements. That statements assign values to individual members of array.

**Question 2:**

Why does the statements a[i]=b[i] get broken down to two steps with an intermediate temporary?

**Answer:**

The statement a[i]=b[i] get broken down to two steps with an intermediate temporary because GIMPLE can perform one operation per statement and therefore cannot read and write array at the same time.

**Question 3:**

Why are there CLOBBER statements at the end?

**Answer:**

CLOBBER statements are used to know that value of address-escaped variable at the point is undefined or scope of this address-escaped variable has ended.