

Problem 8 : Copy one array of 5 elements to another array of 10 elements.

Code:

```
#include <stdio.h>
int main() {
    int a[5], b[10] = {0}, i;
    printf("Enter 5 values: ");
    for(i=0; i<5; i++)
        scanf("%d",&a[i]);

    for(i=0; i<5; i++)
        b[i*2] = a[i];

    printf("Copied array: ");
    for(i=0; i<10; i++)
        printf("%d ", b[i]);

    return 0;
}
```

Output:

Enter 5 values: 70 40 60 25 47

Copied array: 70 0 40 0 60 0 25 0 47 0