

Solutions to Practice for Test 3

1. A=2 B=2 C=5
2. Insertion sort.
3. -86
4. `printf("%d/%d", F.numerator, F.denominator);`
5.

```
void splicer(char A[], char B[], char C[])
{
    int aLen = strlen(A);
    int bLen = strlen(B);

    int i;
    for(i=0; i<aLen/2; i++) {
        C[i] = A[i];
    }
    for(i=0; i<bLen; i++) {
        C[i + aLen/2] = B[i];
    }
    for(i=0; i<aLen/2; i++) {
        C[i + bLen + aLen/2] = A[i + aLen/2];
    }
    C[aLen+bLen]='\0';
}
```
6.

```
int singles(float array[],int len)
{
    int i, j, isUnique;
    int count=0;
    for(i=0; i<len; i++) {
        isUnique = 1; // true
        for(j=0; j<len;j ++){
            if(i!=j && array[i]==array[j])
                isUnique = 0; // false
        }
        if( isUnique )
            count++;
    }
    return count;
}
```