EXPERIMENT 4:

FREQUENCY

CODE

```
include <stdio.h>
int main() {
  int arr[100], n, i, j, count;
  printf("Enter number of elements: ");
  scanf("%d", &n);
  printf("Enter elements:\n");
  for(i = 0; i < n; i++)
     scanf("%d", &arr[i]);
  printf("\nFrequencies:\n");
  for(i = 0; i < n; i++) {
     count = 1;
    // Skip if already counted
     for(j = 0; j < i; j++) {
       if(arr[i] == arr[j])
         break;
     }
    if(i == j) {
       for(j = i + 1; j < n; j++) {
         if(arr[i] == arr[j])
            count++;
       }
       printf("%d = %d times\n", arr[i], count);
     }
  }
```

```
return 0;
```

}

OUTPUT:

```
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```