```
void perm(char *list, int i, int n)
{/* generate all the permutations of list[i] to list[n] */
   int j, temp;
   if (i == n) {
      for (j = 0; j <= n; j++)
         printf("%c", list[j]);
      printf("    ");
   }
   else {
   /* list[i] to list[n] has more than one permutation,
     generate these recursively */
      for (j = i; j <= n; j++) {
         SWAP(list[i],list[j],temp);
         perm(list,i+1,n);
         SWAP(list[i],list[j],temp);
      }
   }
}
```

프로그램 1.9: 순환 순열 생성기