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runner% cat months.c
/* Months program */
#include <stdio.h>

void print_months1(char *[]); /* or (char **) */
void print_months2(char **); /* or (char *[]) */
void main(void)
{
    int i, j;
    char **p;
    char *q;
    char *months[] = {"none", "January",
                      "February", "March", "April", "May",
                      "June", "July", "August", "September",
                      "October", "November", "December",
                      NULL};
    /*** 1st ***** */
    printf("First attempt to print months\n");
    for (i = 1; i <= 12; i++)
        printf("%s\n", months[i]);
    /*** 2nd ***** */
    printf("Second attempt to print months\n");
    for (i = 1; i <= 12; i++)
        printf("%s\n", *(months + i));
    /*** 3rd ***** */
    printf("Third attempt to print months\n");
    p = &months[1];
    while (*p != NULL)
        printf("%s\n", *(p++));
    /*** 4th ***** */
    printf("Fourth attempt to print months\n");
    for (i = 1; i <= 12; i++) {
        j = 0;
        while ((months[i])[j]) /* months[i][j] */
            putchar((months[i])[j++]);
        putchar('\n');
    }
    /*** 5th ***** */
    printf("Fifth attempt to print months\n");
    p = &months[1];
    while (*p) {
        q = *p++;
        while (*q)
            putchar(*q++);
        putchar('\n');
    }
    /*** 6th ***** */
    printf("Sixth attempt to print months\n");
    print_months1(months);
}

/**** 7th ***** */
printf("Seventh attempt to print months\n");
print_months2(months);
printf("Th-th-th-th-that's-all-folks\n");
}
void print_months1(char *months[])
{
    int i;
    for (i = 1; i <= 12; i++)
        printf("%s\n", months[i]);
}
void print_months2(char **months)
{
    char **p;
    p = &months[1];
    while (*p)
        printf("%s\n", *(p++));
}
runner% cc -o months months.c
runner% months
First attempt to print months
January
..
December
Second attempt to print months
January
..
December
Third attempt to print months
January
..
December
Fourth attempt to print months
January
..
December
Fifth attempt to print months
January
..
December
Sixth attempt to print months
January
..
December
Seventh attempt to print months
January
..
December
Th-th-th-th-that's-all-folks
runner%

```