```c
#include <stdio.h>
#include <string.h>
int main()
{
	char str[200];
	printf("Enter a phrase with more than 7 words: ");
	fgets(str, sizeof(str), stdin);
	char *word = strtok(str, " \n");
	char words[20][50];
	int count = 0;
	while (word != NULL)
	{
		int len = strlen(word);
		for (int i = 0; i < len / 2; i++)
		{
			char temp = word[i];
			word[i] = word[len - i - 1];
			word[len - i - 1] = temp;
		}
		strcpy(words[count], word);
		count++;
		word = strtok(NULL, " \n");
	}
	if (count < 7)
	{
		printf("Введіть 7 слів і більше\n");
		return 1;
	}
	for (int i = 0; i < count; i++)
	{
		printf("%s\n", words[i]);
	}
}
```

```c
#include <stdio.h>
#include <string.h>
#define MAX_PLAYERS 100
struct Player
```

```
{
	int number;
	char surname[50];
	char name[50];
};
int main()
{
	struct Player players[MAX_PLAYERS];
	int n, uniqueNames = 0;
	float totalSurnameLength = 0;
	printf("Enter the number of players (10 or more): ");
	scanf("%d", &n);
	if (n < 3) {
		printf("Please enter 3 or more players.\n");
		return 1;
	}
	printf("Enter each player in the format: Number Surname Name\n");
	for (int i = 0; i < n; i++) {
		printf("Player %d: ", i + 1);
		scanf("%d %s %s", &players[i].number, players[i].surname, players[i].name);
		totalSurnameLength += strlen(players[i].surname);
	}
	for (int i = 0; i < n; i++) {
		int isUnique = 1;
		for (int j = 0; j < i; j++) {
			if (strcmp(players[i].name, players[j].name) == 0)
			{
				isUnique = 0;
				break;
			}
		}
		if (isUnique)
		{
			uniqueNames++;
		}
	}
	float averageSurnameLength = totalSurnameLength / n;
	printf("Number of different names: %d\n", uniqueNames);
	printf("Average surname length: %.2f\n", averageSurnameLength);
	for (int i = 0; i < n - 1; i++)
	{
		for (int j = i + 1; j < n; j++)
		{
			if (strcmp(players[i].name, players[j].name) > 0)
			{
				struct Player temp = players[i];
				players[i] = players[j];
				players[j] = temp;
```

```
                        }
                    }
            }
            printf("Sorted list by name:\n");
            for (int i = 0; i < n; i++)
            {
                    printf("%d %s %s\n", players[i].number, players[i].name, players[i].surname);
            }
}
```

```
#include <stdio.h>
#include <string.h>
#include <regex.h>
int Test(const char *email)
{
    const char *pattern = "^[a-zA-Z0-9._]+@[a-zA-Z0-9.-]+\\.[a-zA-Z]{2,}$";
    regex_t regex;
    if (regcomp(&regex, pattern, REG_EXTENDED) != 0)
    {
        printf("Failed to compile regex.\n");
        return 0;
    }
    int result = regexec(&regex, email, 0, NULL, 0);
    regfree(&regex);

    return result == 0;
}
int main()
{
    char email[256];
    printf("Enter an email address: ");
    scanf("%255s", email);

    if (Test(email))
    {
        printf("Correct email address.\n");
    }
```

```
    else
    {
        printf("Incorrect email address.\n");
    }
}
```