Examples

▼ Data e ora corrente

C:

```c
#include <stdio.h>
#include <sys/time.h>
#include <time.h>

int main() {
    struct timeval tv;
    if (gettimeofday(&tv, NULL) == -1) {
        perror("Error getting time");
        return 1;
    }

    printf("Seconds since Epoch: %ld\n", tv.tv_sec);
    printf("Microseconds: %ld\n", tv.tv_usec);

    // Convertire i secondi in formato leggibile
    struct tm *local_time = localtime(&tv.tv_sec);
    char buffer[26];
    printf("Current time: %04d-%02d-%02d %02d:%02d:%02d\n",
        1900 + local_time->tm_year,
        local_time->tm_mon + 1,
        local_time->tm_mday,
        local_time->tm_hour,
        local_time->tm_min,
        local_time->tm_sec
    );

    return 0;
}
```

Java:

```java
import java.util.Date;

public class Main {
    public static void main(String[] args) {
        long currentTimeMillis = System.currentTimeMillis();

        // Conversione in oggetto Date
        Date date = new Date(currentTimeMillis);
        System.out.println("Data corrente: " + date);

        SimpleDateFormat formatter = new SimpleDateFormat("yyyy-MM-dd HH:mm:ss");
        String formattedDate = formatter.format(now);

        System.out.println("Data formattata: " + formattedDate);
    }
}
```

▼ Stringa inizia con prefisso in C

```
strncmp(stringa, prefisso, strlen(prefisso)) == 0
```

▼ Eliminazione di tutti i file di una cartella in C

```c
#include <fcntl.h>
#include <rpc/rpc.h>
#include <stdio.h>
#include <sys/stat.h>
#include <sys/types.h>
#include <dirent.h>
#include <string.h>

int main(int argc, char *argv[]) {
    DIR *img_folder;
    struct dirent *img;
    char img_fullpath[256];

    if ((img_folder = opendir("img_folder")) != NULL) {
        while ((img = readdir(img_folder)) != NULL) {
            if (strcmp(img->d_name, ".") != 0 && strcmp(img->d_name, "..") != 0) {
                img_fullpath[0] = '\0';
                strcat(img_fullpath, "img_folder");
                strcat(img_fullpath, "/");
                strcat(img_fullpath, img->d_name);

                if (remove(img_fullpath) == 0) printf("Immagine %s eliminata con successo\n"
            }
        }
    }
}
```

▼ Rinominare un file in C

```c
int rename(const char *oldName, const char *newName);
```

▼ Dimensione file in c

```c
#include <sys/stat.h>

struct stat st;
stat(char *nomefile, &st);

printf("Dimensione: %d\n", st.st_size);
```