

```
#include <stdio.h>
#include <stdlib.h>
#include <sys/types.h>
#include <unistd.h>
#include <sys/stat.h>
#include <fcntl.h>
#include <dirent.h>
#include <string.h>
```

```
#include <stdio.h>
#include <dirent.h>
int main(void) {
    DIR *directory;
    struct dirent *entry;
    directory = opendir(".");
    if (directory) {
        while ((entry = readdir(directory)) != NULL) {
            printf("%s\n", entry->d_name);
        }
        closedir(directory);
    }
    return(0);
}
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#include <dirent.h>
#include <string.h>

int main(void) {
    DIR *directory;
    struct dirent *entry;
    struct stat isdir;
    directory = opendir(".");
    if (directory) {
        while ((entry = readdir(directory)) != NULL) {
            stat(entry->d_name,&isdir);
            if(S_ISDIR(isdir.st_mode))
            {
                printf("./%s\n",entry->d_name);
            }
            else
                printf("%s\n", entry->d_name);
        }
        closedir(directory);
    }
    return(0);
}
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int main(void) {
    DIR *directory;
    struct dirent *entry;
    struct stat isdir;
    directory = opendir(".");
    if (directory) {
        while ((entry = readdir(directory)) != NULL) {
            stat(entry->d_name, &isdir);
            if(S_ISDIR(isdir.st_mode))
            {
                printf("./%s\n",entry->d_name);
            }
            else
            {
                int fd = open(entry->d_name, O_RDONLY);
                int size = lseek(fd, 0, SEEK_END);
                printf("%s%s%d\n", entry->d_name, " ", size);
                close(fd);
            }
        }
        closedir(directory);
    }
    return(0);
}

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int main(void) {
    DIR *directory;
    struct dirent *entry;
    struct stat isdir;
    directory = opendir(".");
    if (directory) {
        while ((entry = readdir(directory)) != NULL) {
            stat(entry->d_name, &isdir);
            if(S_ISDIR(isdir.st_mode))
            {
                printf("\033[0;34m");
                printf("./%s\n",entry->d_name);
                printf("\033[0m");
            }
            else
            {
                if (access(entry->d_name, F_OK|X_OK) == 0)
                {
                    int fd = open(entry->d_name, O_RDONLY);
                    int size = lseek(fd, 0, SEEK_END);
                    printf("\033[1;31m");
                    printf("%s%s%d\n", entry->d_name, " ", size);
                    printf("\033[0m");
                }
                else
                {
                    int fd = open(entry->d_name, O_RDONLY);
                    int size = lseek(fd, 0, SEEK_END);
                    printf("\033[0;32m");
                    printf("%s%s%d\n", entry->d_name, " ", size);
                    printf("\033[0m");
                    close(fd);
                }
            }
        }
    }
}
```

```
        closedir(directory);  
    }  
    return(0);  
}
```