



```
int fd = open("file", O_WRONLY | O_CREAT | O_TRUNC,
              0644);
```

```
int fd2 = open("file", O_WRONLY);
```

```
write(fd, "hello", 5);
```

```
write(fd, "boo", 3);
```

```
close(STDERR_FILENO);
```

```
dup(fd);
```

```
dup2(&fd2, STDOUT_FILENO);
```

```
close(fd);
```

```
close(fd2);
```

EXAM

int dup(int fd)

↳ duplicate given file descriptor into 1st available file descriptor

↳ returns new fd on success -1 on error

int dup2(int old, int new)

↳ closes new if open

↳ dups old to new

return: -1 on error

int mkdir(const char *path, mode_t mode)

int rmdir(const char *path);

int chdir(const char *path);

int fchdir(int fd);

char *getcwd(char *buf, rsize_t size);