

```
#include <stdlib.h>
```

```
char *ft_strdup(char *src)
```

```
{
```

```
    char *dup;
```

```
    char *sptr;
```

```
    char *dptr;
```

```
    sptr = src;
```

```
    while (*sptr++)
```

```
        ;
```

```
    dup = malloc(sptr - src + 1);
```

```
    if (!dup)
```

```
        return (NULL);
```

```
    dptr = dup;
```

```
    while ((*dptr++ = *src++) != '\0')
```

```
        ;
```

```
    return (dup);
```

```
}
```