

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

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

```
{
```

```
    int    i;
```

```
    int    length;
```

```
    char *strcpy;
```

```
    length = 0;
```

```
    while (src[length])
```

```
        length++;
```

```
    strcpy = malloc(length + 1);
```

```
    if (strcpy != NULL)
```

```
    {
```

```
        i = 0;
```

```
        while (src[i])
```

```
        {
```

```
            strcpy[i] = src[i];
```

```
            i++;
```

```
        }
```

```
        strcpy[i] = '\0';
```

```
    }
```

```
    return (strcpy);
```

```
}
```