```r
complex_num <- complex(real = 3, imaginary = 4)
print(complex_num)
real_part <- Re(complex_num)
imaginary_part <- Im(complex_num)
print(real_part)
print(imaginary_part)
```

```
> complex_num <- complex(real = 3, imaginary = 4)
> print(complex_num)
[1] 3+4i
> real_part <- Re(complex_num)
> imaginary_part <- Im(complex_num)
> print(real_part)
[1] 3
> print(imaginary_part)
[1] 4
>
```