```python
z=3+4j
print(z.real)
print(z.imag)
```

```
3.0
4.0
```

```python
a=3+4j
b=1+2j
```

```python
print(a+b)
```

```
(4+6j)
```

```python
print(a-b)
```

```
(2+2j)
```

```python
print(a*b)
```

```
(-5+10j)
```

```python
print(a/b)
```

```
(2.2-0.4j)
```

```python
z=3+4j
```

```python
print(abs(z))
```

```
5.0
```

```python
import cmath
z= 1+1j
print(cmath.phase(z))
```

```
0.7853981633974483
```

```python
print(cmath.polar(z))
```

```
(1.4142135623730951, 0.7853981633974483)
```

```python
print(cmath.sqrt(z))
```

```
(1.09868411346781+0.45508986056222733j)
```