

```
phi = (1 + 5^(1/2)) / 2
```

$$\frac{1}{2} (1 + \sqrt{5})$$

```
N[phi, 20]
```

```
1.6180339887498948482
```

```
N[phi^2, 20]
```

```
2.6180339887498948482
```

```
N[1/phi, 20]
```

```
0.61803398874989484820
```

```
Sum[1/n, {n, 2^400}] // N
```

```
12.0901
```

```
Fibonacci[10]
```

```
55
```

```
Table[Fibonacci[x], {x, 1, 100}]
```

```
ListPlot[Table[Fibonacci[x], {x, 1, 10}]]
```

