```
> seq(evalf(sin(n)/n),n=1..50);
```
$0.8414709848, 0.4546487134, 0.04704000270, -0.1892006238, -0.1917848549,$ **(1)**
    $-0.04656924971, 0.09385522841, 0.1236697808, 0.04579094280, -0.05440211109,$
    $-0.09090820060, -0.04471440983, 0.03232054129, 0.07075766827, 0.04335252268,$
    $-0.01799395729, -0.05655279364, -0.04172151371, 0.007888274195, 0.04564726254,$
    $0.03984074469, -0.0004023322404, -0.03679219149, -0.03773243175,$
    $-0.005294070004, 0.02932917117, 0.03542133068, 0.009675206724, -0.02288392704,$
    $-0.03293438747, -0.01303347243, 0.01723208379, 0.03030035939, 0.01556125548,$
    $-0.01223379056, -0.02754941260, -0.01739292253, 0.007799173123, 0.02471270221,$
    $0.01862782901, -0.003868845580, -0.02182194162, -0.01934359866,$
    $0.0004023164798, 0.01890896721, 0.01960409451, 0.002629215376, -0.01600530544,$
    $-0.01946433986, -0.005247497074$

```
> Sum(sin(n)/n,n=1..20); evalf(%);
```
$$\sum_{n=1}^{20} \frac{\sin(n)}{n}$$
$$1.072594207 \qquad\qquad \textbf{(2)}$$

```
> Sum(sin(n)/n,n=1..100); evalf(%);
```
$$\sum_{n=1}^{100} \frac{\sin(n)}{n}$$
$$1.060428938 \qquad\qquad \textbf{(3)}$$

```
> Sum(sin(n)/n,n=1..1000); evalf(%);
```
$$\sum_{n=1}^{1000} \frac{\sin(n)}{n}$$
$$1.070694154 \qquad\qquad \textbf{(4)}$$

```
> Sum(sin(n)/n,n=1..10000); evalf(%);
```
$$\sum_{n=1}^{10000} \frac{\sin(n)}{n}$$
$$1.070868195 \qquad\qquad \textbf{(5)}$$

```
> (Pi-1)/2;
```
$$\frac{\pi}{2} - \frac{1}{2} \qquad\qquad \textbf{(6)}$$

```
> evalf(%);
```
$$1.070796327 \qquad\qquad \textbf{(7)}$$

```
> Sum(sin(n)/n,n=1..infinity);
```
$$\sum_{n=1}^{\infty} \frac{\sin(n)}{n} \qquad\qquad \textbf{(8)}$$

```
> value(%);
```
$$\frac{\pi}{2} - \frac{1}{2} \qquad\qquad \textbf{(9)}$$