# kadai02

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In [2]:
```
def nintegrate(f, xmin, xmax, n):
    s = 0
    delta = (xmax - xmin) / n
    for i in range(n+1):
        x = xmin + delta * i
        s += delta * f(x)
    return s
```

In [3]:
```
import math
f = lambda x: math.sin(x**2)
nintegrate(f, 0, 10, 100)
```

Out[3]:
```
0.5737722666391681
```