CALCPAD SYNTAX HIGHLIGHTING FOR NANO

MAIN COMMENT

FILE FOR TEST

$a = 1234567910$ Numbers
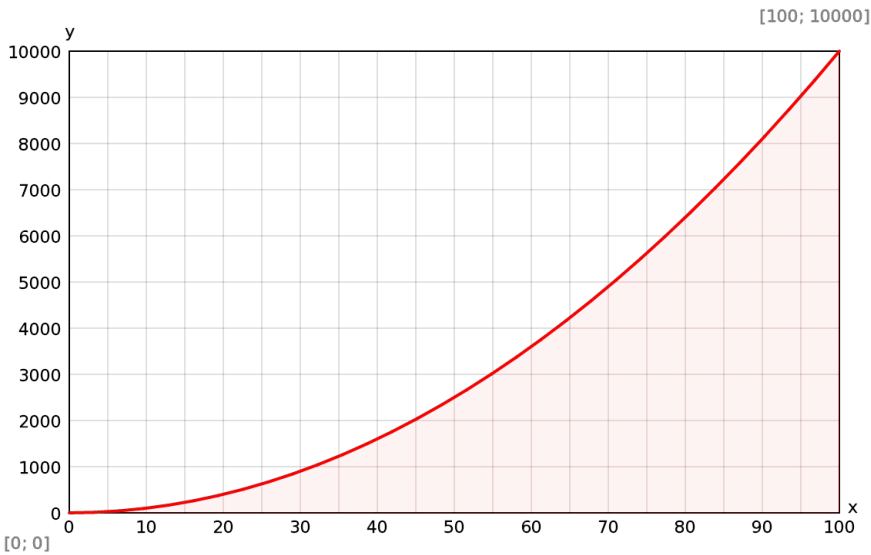
$MYvar = 100°$

$\sin(MYvar) = \sin(100°) = 0.9848078$

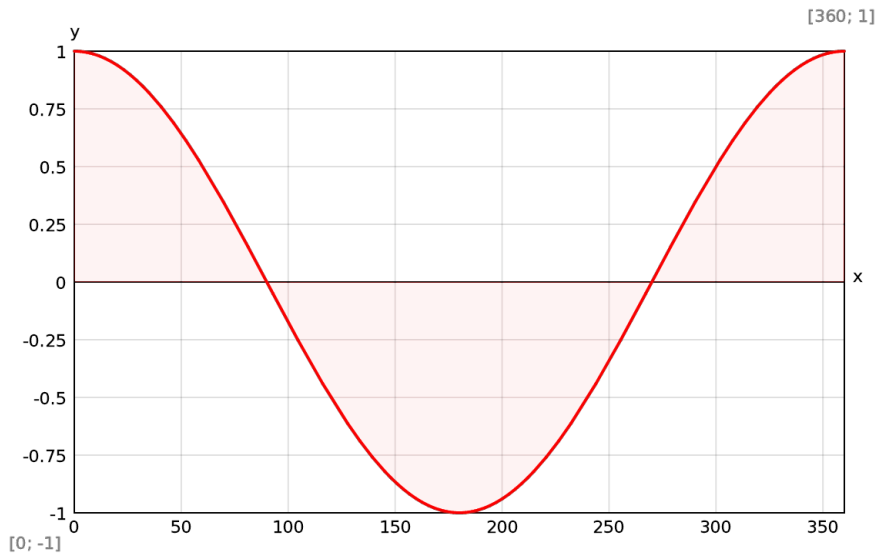$H_{min} = \min(2; 45; 6) = 2$

$f(x) = x^2$

$$\int_0^{pi} f(x)\, dx = 10.335426$$

[100; 10000]

[0; 0]

$M(x) = \cos(x)$

LENGTH AND AREA

$H = 5\,\text{m}$

$B = 500\,\text{cm}$

$A = B \cdot H = 500\,\text{cm} \cdot 5\,\text{m} = 25\,\text{m}^2$

FORCE AND MOMENT

$F = 100\,\text{kN}$

$L = 30\,\text{in}$

$M = F \cdot L = 100\,\text{kN} \cdot 30\,\text{in} = 76.2\,\text{kNm}$

FLOW CONTROL AND CONDITIONAL

$M = M - 500\,\text{kN} \cdot \text{in} = 2500\,\text{kN} \cdot \text{in}$

THE MOMENT IS GREATER THAN 1000 kN.in!

$M = M - 500\,\text{kN} \cdot \text{in} = 2000\,\text{kN} \cdot \text{in}$

THE MOMENT IS GREATER THAN 1000 kN.in!

$M = M - 500\,\text{kN} \cdot \text{in} = 1500\,\text{kN} \cdot \text{in}$

THE MOMENT IS GREATER THAN 1000 kN.in!

$M = M - 500\,\text{kN} \cdot \text{in} = 1000\,\text{kN} \cdot \text{in}$

THE MOMENT IS EQUAL TO 1000 kN.in!

$M = M - 500\,\text{kN} \cdot \text{in} = 500\,\text{kN} \cdot \text{in}$

THE MOMENT IS SMALLER THAN 1000 kN.in!

$M = M - 500\,\text{kN} \cdot \text{in} = 0\,\text{kN} \cdot \text{in}$

THE MOMENT IS SMALLER THAN 1000 kN.in!

$M = M - 500\,\text{kN} \cdot \text{in} = \text{-500}\,\text{kN} \cdot \text{in}$

THE MOMENT IS SMALLER THAN 1000 kN.in!

$M = M - 500\,\text{kN} \cdot \text{in} = \text{-1000}\,\text{kN} \cdot \text{in}$

THE MOMENT IS SMALLER THAN 1000 kN.in!