p3.py - D:/ko'ou/p3.py (3.11.1)

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```
# Exponents and Logarithms functions
print("sqrt() : ",math.sqrt(23))
print("pow() : ",math.pow(23,4))
print("value of e : ",math.e)
print("exponent() : ",math.exp(5))
print("log of base 10 : ",math.log10(5))
print("log of base 2 : ",math.log2(5))
print("log() : ",math.log(5,3))
print()
print("Trigonomatric functions")
print("degree : ",math.degrees(math.pi/2))
print("radians : ",math.radians(180))
print("sin() : ",math.sin(math.pi/2))
print("cos() : ",math.cos(math.pi))
print("tan() : ",math.tan(math.pi/4))
print()

print("Algebraic functions")
print("factorial() : ",math.factorial(40))
print("gcd() : ",math.gcd(25,45,4))
```

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```python
#P3 - Math Module

import math

print("value of pi : ", math.pi)
print("fabs function : ",math.fabs(-21))
print("trunc function : ",math.trunc(math.pi))
print("ceil fuction : ",math.ceil(23.23234235))
print("floor function : ",math.floor(23.23234235))
print("Round() : ",round(23.23234235))
print("fmod : ",math.fmod(15.2,3))
print()

# Exponents and Logarithms functions
print("sqrt() : ",math.sqrt(23))
print("pow() : ",math.pow(23,4))
print("value of e : ",math.e)
print("exponent() : ",math.exp(5))
print("log of base 10 : ",math.log10(5))
print("log of base 2 : ",math.log2(5))
print("log() : ",math.log(5,3))
print()
```

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#include <math.h>

$\log_{10} 100 = 2$

Decimal functions

1. fabs
2. trunc
3. ceil
4. floor
5. round
6. fmod (15.2,3)
7. modf (16.29)

1. pi
2. e
3. inf

Exponents and Logarithms

1. sqrt( )
2. pow (b,e)
3. exp (5)
4. log10( )
5. log2( )
6. log (x, b)

Trigonometric

1. degrees(rad)
2. radians( )
3. sin( )
4. cos( )
5. tan( )

Algebraic function

1. factorial( )
2. gcd( )

...))

...nber:"))

...math.fabs(val)"