

RAM



Disk



6s



```
a = "Manasa B M"
print(f"My name is: {a}")

num = int(input("Enter a number: "))

if num % 2 == 0:
    print(f"{num} is even.")
else:
    print(f"{num} is odd.")
```



```
My name is: Manasa B M
Enter a number: 4
4 is even.
```



RAM



Disk


6s

```
a = "Manasa B M"
print(f"My name is: {a}")

a = int(input("Enter the number"))
if (a>=0):
    print("a is positive")
else:
    print("a is negetive")
```



```
My name is: Manasa B M
Enter the number6
a is positive
```



RAM



Disk

✓
8s

```
a = "Manasa B M"
print(f"My name is: {a}")

def is_prime(number):
    if number < 2:
        return False
    for i in range(2, int(number**(1/2))+1):
        if number % i == 0:
            return False
    return True

num = int(input("Enter a number: "))

if is_prime(num):
    print(f"{num} is a prime number")
else:
    print(f"{num} is not a prime number")
```

```
My name is: Manasa B M
Enter a number: 2
2 is a prime number.
```



+ Code + Text

```
▶ name = "Manasa B M"
print("My name is: {Manasa B M}")
def is_palindrome(s):

    cleaned_str = ''.join(s.split()).lower()

    return cleaned_str == cleaned_str[::-1]

input_str = input("Enter a string: ")

if is_palindrome(input_str):
    print(f"{input_str} is a palindrome!")
else:
    print(f"{input_str} is not a palindrome.")
```

```
➞ My name is: {Manasa B M}
Enter a string: 67
67 is not a palindrome.
```

Double-click (or enter) to edit



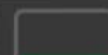
Manasa B M 5



+ <> + T



RAM



Disk



✓
9s

```
name = "Manasa B M"
print("My name is: {Manasa B M}")
num1 = float(input("Enter the first
num2 = float(input("Enter the secor

sum_result = num1 + num2

print("The sum of {} and {} is: {}')
```



```
My name is: {Manasa B M}
Enter the first number: 5
Enter the second number: 9
The sum of 5.0 and 9.0 is: 14.0
```





RAM



Disk



6s



```
name = "Manasa B M"
print("My name is: {Manasa B M}")
def add_numbers(num1, num2):
    return num1 + num2

num1 = float(input("Enter the first
num2 = float(input("Enter the second

sum_result = add_numbers(num1, num2

print("The sum of {} and {} is: {}')
```



```
My name is: {Manasa B M}
Enter the first number: 8
Enter the second number: 9
The sum of 8.0 and 9.0 is: 17.0
```

Double-click (or enter) to edit



Manasa B M 7



+ < > + T



RAM



Disk



✓
9s



```
name = "Manasa B M"
```

```
print("My name is: {Manasa B M}")
```

```
num1 = float(input("Enter the first
```

```
num2 = float(input("Enter the secor
```

```
max_result = max(num1, num2)
```

```
print("The maximum of {} and {} is:
```



```
My name is: {Manasa B M}
```

```
Enter the first number: 6
```

```
Enter the second number: 9
```

```
The maximum of 6.0 and 9.0 is: 9
```

Double-click (or enter) to edit



Scanned with OKEN Scanner



Manasa B M 8



RAM



Disk

✓
12s

```
name = "Manasa B M"
```

```
print("My name is: {Manasa B M}")
```

```
num1 = float(input("Enter the first"))
```

```
num2 = float(input("Enter the second"))
```

```
min_result = min(num1, num2)
```

```
print("The minimum of {} and {} is: {}".format(num1, num2, min_result))
```



```
My name is: {Manasa B M}
```

```
Enter the first number: 6
```

```
Enter the second number: 3
```

```
The minimum of 6.0 and 3.0 is: 3
```

Double-click (or enter) to edit



RAM



Disk

✓
0s

```
name = "Manasa B M"
print("My name is :{Manasa B M}")

def fibonacci(n):
    fib_sequence = [0, 1]

    while len(fib_sequence) < n:
        fib_sequence.append(fib_sec

    return fib_sequence[:n]

n = 10
result = fibonacci(n)
print(result)
```



```
My name is :{Manasa B M}
[0, 1, 1, 2, 3, 5, 8, 13, 21, 34]
```



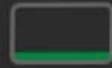
Manasa B M 10



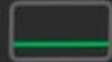
+ <> + T



RAM



Disk



0s



```
name = "Manasa B M"
print("My name is :{Manasa B M}")
def factorial(n):
    if n == 0 or n == 1:
        return 1
    else:
        return n * factorial(n - 1)

n = 5
result = factorial(n)
print(f"The factorial of {n} is {result}")
```



```
My name is :{Manasa B M}
The factorial of 5 is 120
```

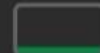




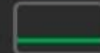
+ <> + T



RAM



Disk

✓
23s

```
name = "Manasa B M"
print("My name is: {name} ")
def gcd(a, b):
    while b:
        a, b = b, a % b
    return a
num1 = int(input("Enter the first number: "))
num2 = int(input("Enter the second number: "))
result = gcd(num1, num2)
print(f"The GCD of {num1} and {num2} is: {result}")
```



```
My name is: {Manasa B M}
Enter the first number: 5
Enter the second number: 7
The GCD of 5 and 7 is: 1
```

Double-click (or enter) to edit



+ <> + T

0s



```
name = "Manasa B M"
print("My name is :{Manasa B M}")
def swap_numbers(a, b):
    print(f"Before swapping: a = {a}, b = {b}")

    temp = a
    a = b
    b = temp

    print(f"After swapping: a = {a}, b = {b}")

a = 5
b = 10
swap_numbers(a, b)
```



```
My name is :{Manasa B M}
Before swapping: a = 5, b = 10
After swapping: a = 10, b = 5
```



Manasa B M13

Rename notebook

+ <>

+

✓
5s



```
name = "Manasa B M"  
print("My name is: {Manasa B M}")  
  
num_str = input("Enter a number: ")  
  
reversed_num_str = num_str[::-1]  
  
print(f"Reversed number: {reversed_num_str}")
```

```
My name is: {Manasa B M}  
Enter a number: 34  
Reversed number: 43
```

Double-click (or enter) to edit





+ <> + iT

✓
0s

```
name = "Manasa B M"
print("My name is: {Manasa B M}")
import random

mean = 0
std_dev = 1

gauss_number = random.gauss(mean, std_dev)

print(f"Random number using Gaussian distribution: {gauss_number}")
```



```
My name is: {Manasa B M}
Random number using Gaussian distribution: -0.2865516474555157
```

Double-click (or enter) to edit