

main.py



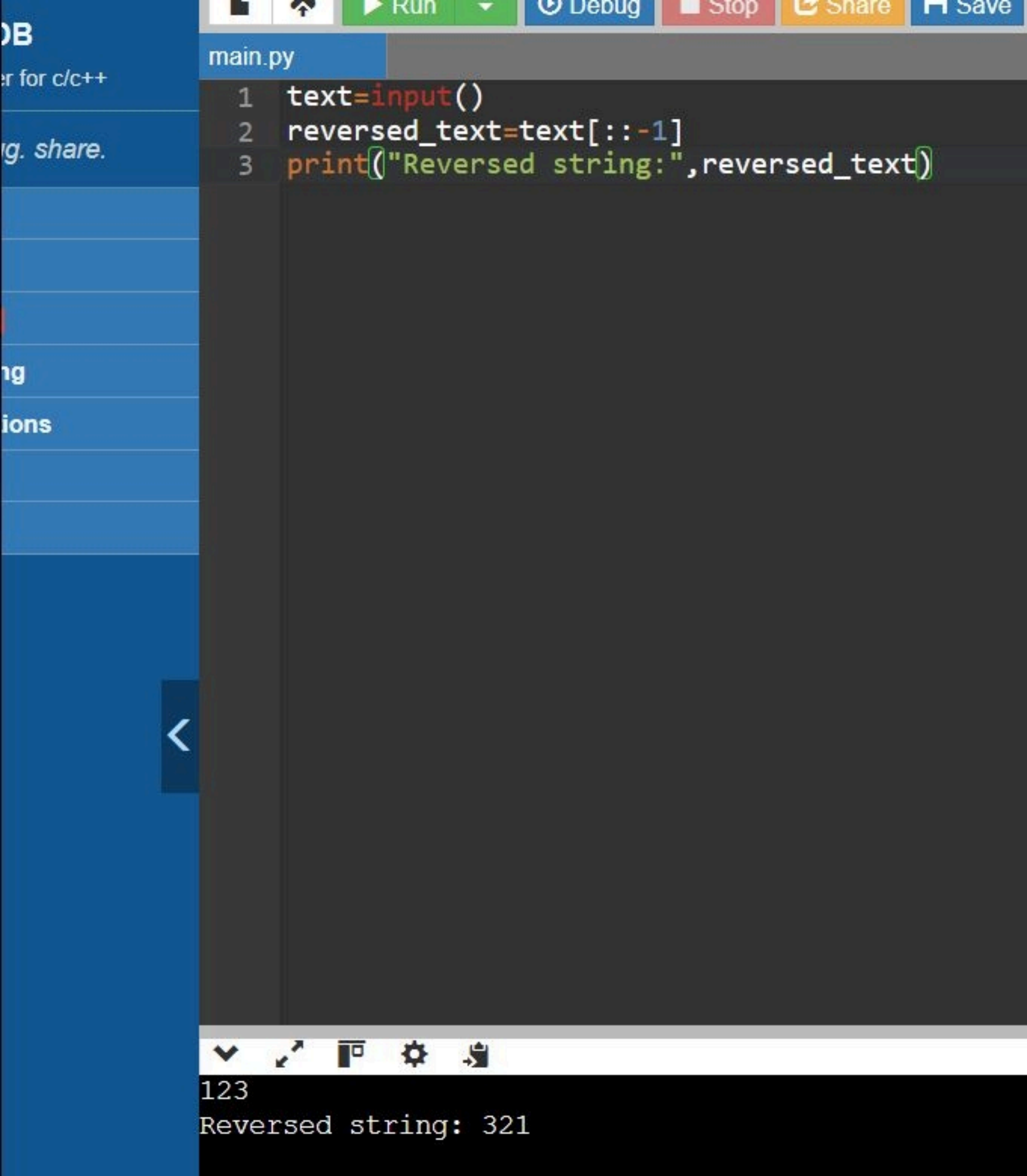
Run

```
1 n=int(input("Enter number:"))
2 temp=n
3 rev=0
4 while(n>0):
5     dig=n%10
6     rev=rev*10+dig
7     n=n//10
8 if(temp==rev):
9     print("The number is a palindrome!")
```

Output

```
Enter number:121
The number is a palindrome!

=== Code Execution Successful ===
```



DB

er for c/c++

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```
1 text=input()  
2 reversed_text=text[::-1]  
3 print("Reversed string:",reversed_text)
```

```
123  
Reversed string: 321
```



main.py



Run

Output

Clear

```
1 decimal_num = int(input("Enter a decimal number:
    "))
2 binary_str = bin(decimal_num).replace("0b", "")
3 print(f"Decimal: {decimal_num}")
4 print(f"Binary: {binary_str}")
5
6
```

```
Enter a decimal number: 13
Decimal: 13
Binary: 1101
```

```
=== Code Execution Successful ===
```

main.py



Run

Output

Cle

```
1 binary_str = input("Enter a binary number: ")
2 decimal_num = int(binary_str, 2)
3 print(f"Binary: {binary_str}")
4 print(f"Decimal: {decimal_num}")
5
```

```
Enter a binary number: 1011
Binary: 1011
Decimal: 11
```

```
=== Code Execution Successful ===
```



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main.py



Run

Output

```
1 a = int(input("Enter first number: "))
2 b = int(input("Enter second number: "))
3 c = int(input("Enter third number: "))
4 if a >= b and a >= c:
5     biggest = a
6 elif b >= a and b >= c:
7     biggest = b
8 else:
9     biggest = c
10 print("The biggest number is:", biggest)
```

```
Enter first number: 10
Enter second number: 15
Enter third number: 20
The biggest number is: 20
```

=== Code Execution Successful ===



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main.py



Run

Output

```
1 s=input("enter string:")
2 if(s[::-1]==s):
3     print("pallindrome")
4 else:
5     print("not a pallindrome")
```

enter string:madam
pallindrome

=== Code Execution Successful ===

main.py



Run

Output

Clear

```
1 n=int(input("Enter number:"))
2 s=0
3 while(n>0):
4     rem=n%10
5     s=s+rem
6     n=n//10
7     print(s)
```

```
Enter number:456
6
11
15
```

```
=== Code Execution Successful ===
```

main.py



Run

Output

Clear

```
1 a = input("Enter first value: ")
2 b = input("Enter second value: ")
3 print("Before swapping: a =", a, "b =", b)
4 temp = a
5 a = b
6 b = temp
7 print("After swapping: a =", a, "b =", b)
8
```

```
Enter first value: 10
Enter second value: 20
Before swapping: a = 10 b = 20
After swapping: a = 20 b = 10
```

```
=== Code Execution Successful ===
```


main.py



Run

Output



```
1 n = int(input("Enter number: "))
2 sum_fact = 0
3
4 for d in str(n):
5     fact = 1
6     for i in range(1, int(d) + 1):
7         fact *= i
8     sum_fact += fact
9
10 if sum_fact == n:
11     print("Strong number")
12 else:
13     print("Not a Strong number")
14
```

Enter number: 145
Strong number

=== Code Execution Successful ===



main.py



Run

Output

```
1 num = int(input("Enter a number: "))
2 if num > 1:
3     for i in range(2, num):
4         if num % i == 0:
5             print("Not a Prime number")
6             break
7 else:
8     print("Prime number")
9 else:
10    print("Not a Prime number")
```

```
Enter a number: 5
Prime number
```

```
=== Code Execution Successful ===
```

main.py



Run

Output

```
1 year=int(input("enter year:"))
2 if(year%400==0 and year%100!=0 or year%4==0):
3     print("leap year")
4 else:
5     print("not leap year")
```

```
enter year:2004
leap year
```

```
=== Code Execution Successful ===
```



main.py



Run

Output

```
1 l=int(input("enter lower limit:"))
2 h=int(input("enter higher limit:"))
3 for i in range(1,h):
4     c=0
5     for j in range(1,i+1):
6         if(i%j==0):
7             c+=1
8         if(c==2):
9             print(i)
```

```
enter lower limit:2
enter higher limit:10
2
3
4
5
6
7
8
9
```

=== Code Execution Successful ===

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main.py



Run

Output

```
1 s1=input("enter string1:")
2 s2=input("enter string2:")
3 if(sorted(s1)==sorted(s2)):
4     print("anagram")
5 else:
6     print("not anagram")
```

```
enter string1:tea
enter string2:eat
anagram
```

=== Code Execution Successful ===



Run

Output

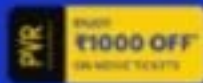
```
1 num = float(input("Enter a number: "))
2 if num > 0:
3     print("Positive number")
4 elif num == 0:
5     print("Zero")
6 else:
7     print("Negative number")
8
```

Enter a number: 3
Positive number

=== Code Execution Successful ===



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main.py



Run

Output

```
1 n = int(input("Enter number of terms: "))
2 a, b = 0, 1
3 count = 0
4 if n <= 0:
5     print("Please enter a positive integer")
6 else:
7     print("Fibonacci sequence:")
8     while count < n:
9         print(a, end=" ")
10        a, b = b, a + b
11        count += 1
```

Enter number of terms: 6

Fibonacci sequence:

0 1 1 2 3 5

=== Code Execution Successful ===



main.py



Run

Output

```
1 num = int(input("Enter a number: "))
2 factorial = 1
3 if num < 0:
4     print("Factorial does not exist for
      negative numbers.")
5 elif num == 0:
6     print("The factorial of 0 is 1.")
7 else:
8     for i in range(1, num + 1):
9         factorial *= i
10    print(f"The factorial of {num} is
      {factorial}")
```

Enter a number: 4
The factorial of 4 is 24

=== Code Execution Successful ===

main.py



Run

Output

```
1 n = int(input("Enter a number: "))
2 f = 0
3 for i in range(n):
4     if i * (i + 1) == n:
5         f = 1
6         break
7 if f==1:
8     print("Pronic number")
9 else:
```

Enter a number: 20
Pronic number

=== Code Execution Successful ===



main.py



Run

Output

```
1 num = int(input("Enter a number: "))
2 if (num % 2) == 0:
3     print("even")
4 else:
5     print("odd")
```

```
Enter a number: 7
odd
```

```
=== Code Execution Successful ===
```

READY



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main.py



Run

Output

Clear

```
1 n = int(input("Enter any number: "))
2 sum1 = 0
3 for i in range(1, n):
4     if(n % i == 0):
5         sum1 = sum1 + i
6 if (sum1 == n):
7     print("The number is a Perfect number!")
8 else:
9     print("The number is not a Perfect number!")
```

```
Enter any number: 6
The number is a Perfect number!
```

```
=== Code Execution Successful ===
```

OnlineGDB

and debugger for c/c++

run. debug. share.

IDE

Projects

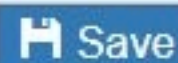
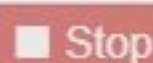
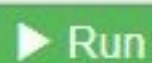
room new

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login



main.py

```
1  n=int(input())
2  sum=0
3  temp=n
4  while temp>0:
5      digit=temp%10
6      sum+=digit**3
7      temp//=10
8  if n==sum:
9      print("Armstrong number")
10 else:
11     print("Not Armstrong nuber")
```

