

04-2025

write a program to add two numbers.

$a = 10$

$b = 20$

print($a+b$)

write a program to swap two variable with a third variable.

$a = 5$

$b = 8$

$a = a+b$

$b = a-b$

$a = a-b$

print(a, b)

write a program to calculate the area of a circle its radius.

$R = 5$

$A = 3.14 \times R \times R$

print(A)

write a program to find the largest of three numbers.

$a, b, c = 10, 20, 30$

if $a > b$ and $a > c$:

print(a)

if $b > c$:

print (b)

else :

print (c)

5) write a program to check if a number is even or odd.

A/

a = 5

if $a \% 2 == 0$:

print (even)

else :

print (odd)

6) write a program to check if a number is factorial.

A/

f = 1

a = 5

i = 1

while $(i \leq a)$:

$f = f * i$

$i += 1$

print (f)

7) write a program to reverse a given number.

A/ let $n = 543$

s = 0

while $(n > 0)$:

$r = n \% 10$

$s = s * 10 + r$

$n = n // 10$

write a program to check numbers is prime.

```
n = 5  
C = 0  
for i in range(2, n):  
    C = C + 1  
    break  
print if C == 0:  
    print ("
```

```
n = 5  
C = 0  
for i in range(2, n):  
    if n % i == 0:  
        C = C + 1  
        break
```

```
if C == 0:  
    print ("prime")  
else:  
    print ("not prime")
```

write a program to find the sum of digits of a number.

```
n = 127  
s = 0  
while (n > 0):  
    r = n % 10  
    s = s + r  
    n = n // 10
```

```
print(s)
```

write a program to check if given string is palindrome.

```
s = "Python", "Madam".
```


`s == s[::-1]:`

`print("It is palindrome")`

`print("It is not palindrome")`