

```

1  #include<stdio.h>
2  int factorial(int a)
3  {
4      if(a==1||0)
5          return a;
6      else if(a<0)
7          printf("Not possible");
8
9      else
10         return(a*factorial(a-1));
11 }
12
13 int main()
14 {
15     int n;
16     scanf("%d",&n);
17     printf("%d",factorial(n));
18     return 0;
19 }
20

```

```

"C:\Users\ASUS\OneDrive\De  X + - □ X
5
120
Process returned 0 (0x0)   execution time : 3.689
s
Press any key to continue.

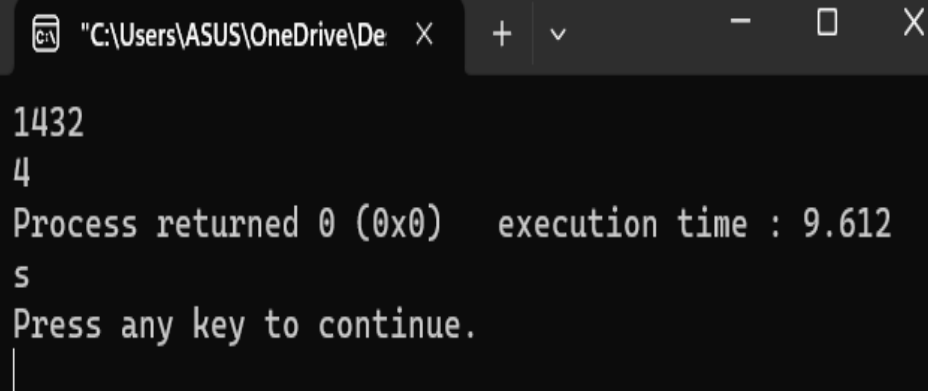
```

Logs & others

Code::Blo

check/Ve

```
1  #include<stdio.h>
2  int digitcount(int a)
3  {
4      static int c=0;
5      if(a!=0)
6      {
7          c++;
8          digitcount(a/=10);
9      }
10     return c;
11 }
12 int main()
13 {
14     int n;
15     scanf("%d",&n);
16     printf("%d",digitcount(n));
17 }
18
```



```
"C:\Users\ASUS\OneDrive\De  X + v - □ X
1432
4
Process returned 0 (0x0)  execution time : 9.612
s
Press any key to continue.
|
```

```
1  #include<stdio.h>
2  int digitsum(int a)
3  {
4      static int s=0;
5
6      if(a!=0)
7      {
8          s=s+a%10;
9          digitsum(a/=10);
10
11      }
12      return s;
13  }
14  int main()
15  {
16      int n;
17      scanf("%d",&n);
18      printf("%d",digitsum(n));
19  }
20
```

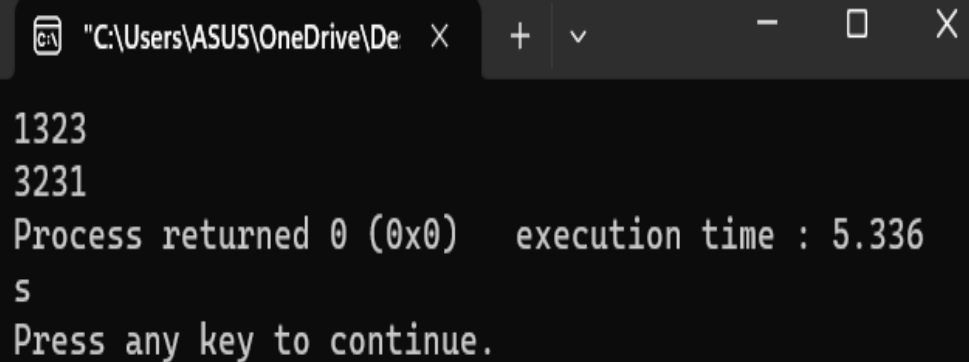
"C:\Users\ASUS\OneDrive\De" X + - □ X

1122
6
Process returned 0 (0x0) execution time : 1.524
s
Press any key to continue.

s & others

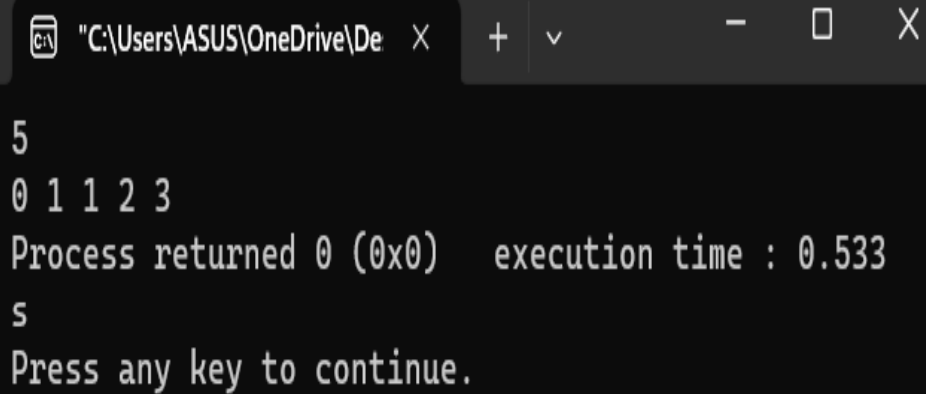
CoderBlocks

```
1  #include<stdio.h>
2  int digitrev(int a)
3  {
4      static int s=0;
5
6      if(a!=0)
7      {
8          s=s*10+a%10;
9          digitrev(a/=10);
10
11      }
12      return s;
13  }
14  int main()
15  {
16      int n;
17      scanf("%d",&n);
18      printf("%d",digitrev(n));
19  }
20
21
```



```
"C:\Users\ASUS\OneDrive\De" X + v - □ X
1323
3231
Process returned 0 (0x0) execution time : 5.336
s
Press any key to continue.
|
```

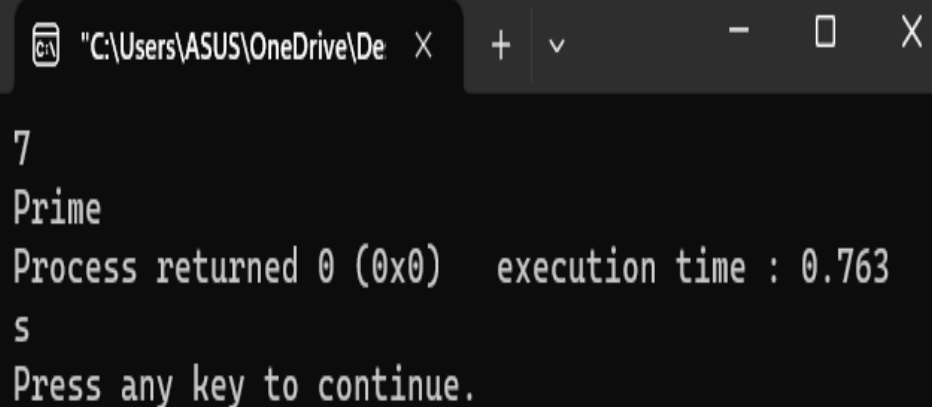
```
1  #include<stdio.h>
2  | int fib(int a)
3  | {
4  |     static int n=0,m=1;
5  |     int c=n;
6  |     n=m;
7  |     m=c+m;
8  |     if(n>=0)
9  |     printf("%d ",m);
10 |     if(a>0) return fib(a-1);
11 |
12 | }
13 | int main()
14 | {
15 |     int n;
16 |     scanf("%d",&n);
17 |     printf("0 1 ");
18 |     fib(n-3);
19 | }
20 |
```



A screenshot of a Windows command prompt window. The title bar shows the file path "C:\Users\ASUS\OneDrive\De" and standard window controls. The output of the program is displayed in white text on a black background. It shows the number 5, followed by the sequence 0 1 1 2 3, then the message "Process returned 0 (0x0) execution time : 0.533 s", and finally "Press any key to continue." with a cursor on the next line.

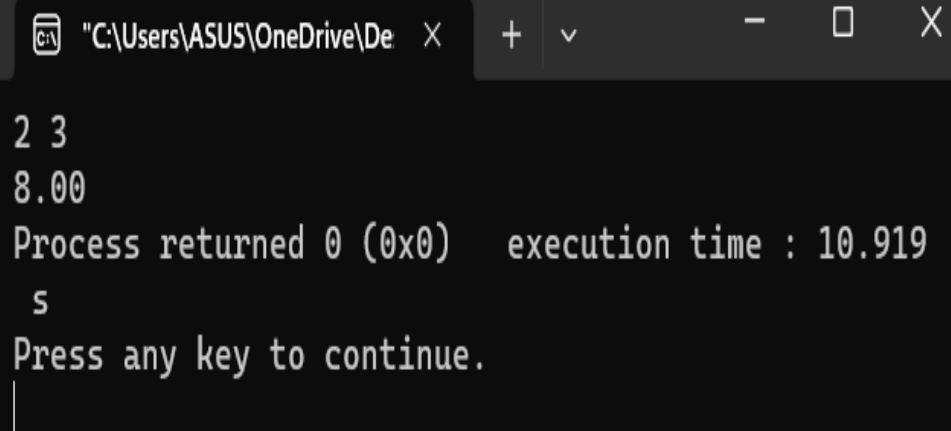
```
"C:\Users\ASUS\OneDrive\De" X + v - □ X
5
0 1 1 2 3
Process returned 0 (0x0) execution time : 0.533
s
Press any key to continue.
|
```

```
1  #include<stdio.h>
2  int prime(int a)
3  {
4      static int i=2;
5      if(a%i!=0){
6          i++;
7          if(a>i)
8              prime(a);
9      }
10     else
11         return 0;
12 }
13 int main()
14 {
15     int n,flag;
16     scanf("%d",&n);
17     flag=prime(n);
18     if(flag ==0) printf("Not prime");
19     else printf("Prime");
20
21
22 }
23
```



```
"C:\Users\ASUS\OneDrive\De" X + v - □ X
7
Prime
Process returned 0 (0x0)   execution time : 0.763
s
Press any key to continue.
```

```
1  #include<stdio.h>
2  double power(double n,double p)
3  {
4      if(p==0) return 1.0;
5      else
6          return n*power(n,p-1);
7  }
8  int main()
9  {
10     double n,p;
11     scanf("%lf %lf",&n,&p);
12     double r=power(n,p);
13     printf("%.2lf",r);
14 }
15
```



```
"C:\Users\ASUS\OneDrive\De" X + v - □ X
2 3
8.00
Process returned 0 (0x0) execution time : 10.919
s
Press any key to continue.
|
```

```
1
2  #include<stdio.h>
3  int digitcount(int a)
4  {
5      static int s=0;
6
7      if(a!=0)
8      {
9          s=s+a%10;
10         digitcount(a/=10);
11     }
12     return s;
13 }
14 int main()
15 {
16     int n;
17     scanf("%d",&n);
18     printf("%d",digitcount(n));
19 }
20
```

245

11

Process returned 0 (0x0) execution time : 10.997

s

Press any key to continue.

pgs & others

Code::Blocks

File

Line


```
1  #include<stdio.h>
2  int gcd(int n1,int n2)
3  {
4      if(n2!=0){
5          return gcd(n2,n1%n2);
6      }
7      else return n1;
8  }
9  int main()
10 {
11     int n1,n2;
12     scanf("%d %d",&n1,&n2);
13     int r=gcd(n1,n2);
14     printf("%d",r);
15 }
16
```

"C:\Users\ASUS\OneDrive\De x + - □ ×

```
12 15
3
Process returned 0 (0x0)    execution time : 9.050
s
Press any key to continue.
|
```