

Nested DO-Loops

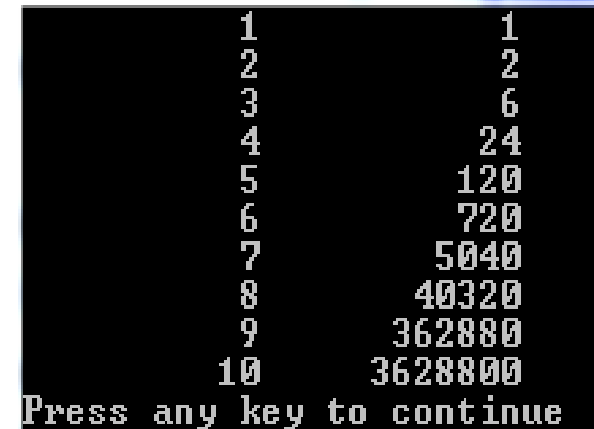
```
DO
  statements-1
DO
  statement-2
END DO
statement-3
END DO
```

EX:

```
INTEGER :: i, j, Sum
DO i = 1, 10
  Sum = 0
  DO j = 1, i
    Sum = Sum + j
  END DO
  print*, Sum
END DO
```

Example: Write a program to find factorials of numbers from one to 10

```
PROGRAM fact
implicit none
integer:: i,j,f
do i=1,10
  f=1
  do j=1,i
    f=f*j
  end do
  print*, i, f
end do
END PROGRAM fact
```



1	1
2	2
3	6
4	24
5	120
6	720
7	5040
8	40320
9	362880
10	3628800

Press any key to continue