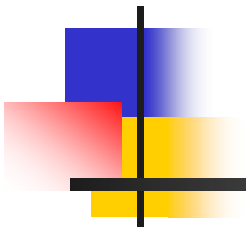


Proses Perulangan (Looping)



Kasus break 1

```
#include <stdio.h>
```

```
Main( )
```

```
{
```

```
int i=1;
```

```
for(;;)
```

```
{
```

```
printf("%d\n", i);
```

```
if(i >=5)
```

```
break;
```

```
i++;
```

```
}
```

```
}
```

```
#include <stdio.h>
```

```
main( )
```

```
{
```

```
int i=1;
```

```
for(;;)
```

```
{
```

```
if(i >3)
```

```
break;
```

```
printf("%d\n", i);
```

```
i++;
```

```
}
```

```
}
```

Kasus break 2

```
#include <stdio.h>
```

```
main()
```

```
{
```

```
    int i;
```

```
    float j;
```

```
    for(i=0; i<=10; i++)
```

```
    {
```

```
        if(i==5)
```

```
            break;
```

```
        j=10.0/(5-i);
```

```
            printf("10.0/(5-%d)=%f\n", i,j);
```

```
    }
```

```
    printf("akhir program\n");
```

```
}
```

Kasus continue 1

```
/*menampilkan bilangan ganjil antara 7 - 25 kecuali 15
```

```
#include <stdio.h>
```

```
main( )
```

```
{
```

```
    int x;
```

```
    for (x = 7; x <= 25; x += 2)
```

```
    {
```

```
        if (x == 15)
```

```
            continue;
```

```
        printf("%4d", x);
```

```
    }
```

```
    printf("\n");
```

```
}
```

Kasus continue 2

```
#include <stdio.h>
```

```
main()
```

```
{
```

```
    int i;
```

```
    float j;
```

```
    for(i=0; i<=10; i++)
```

```
    {
```

```
        if(i==5)
```

```
            continue;
```

```
        j=10.0/(5-i);
```

```
            printf("10.0/(5-%d)=%f\n", i,j);
```

```
    }
```

```
    printf("akhir program\n");
```

```
}
```

Kasus continue 3



```
#include <stdio.h>
```

```
main()
```

```
{
```

```
    int i;
```

```
    for(i=0;i<10;i++)
```

```
    {
```

```
        if(i==4) continue;
```

```
        printf("bilangan:%d\n", i);
```

```
        if(i==6)
```

```
            break;
```

```
    }
```

```
}
```

Kasus goto

```
#include <stdio.h>
```

```
main()
```

```
{
```

```
int i;
```

```
i=1;
```

```
perulangan:          /*label untuk goto*/
```

```
    printf("%d\n", i);
```

```
    i++;
```

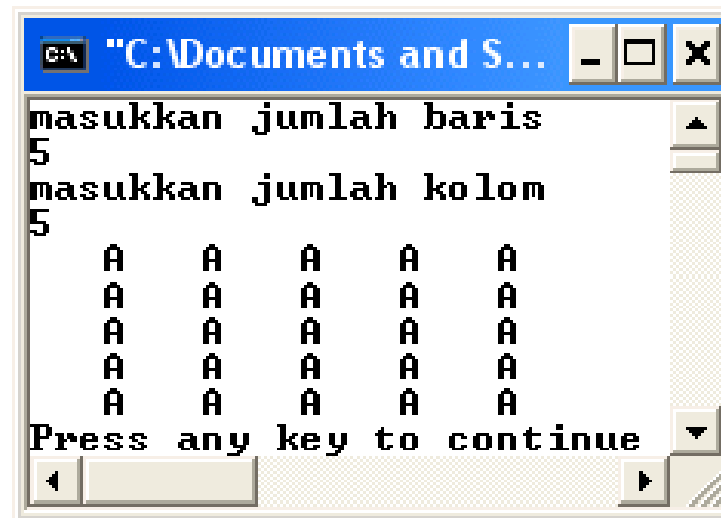
```
    if(i<=5)
```

```
        goto perulangan; /*ke label perulangan*/
```

```
}
```

Kasus Nested Loop 1

```
main()
{
    for(i=1; i<=5; i++ )
    {
        for(j=1; j<=5; j++ )
        printf("%4c", 'A');
        printf("\n");
    }
}
```

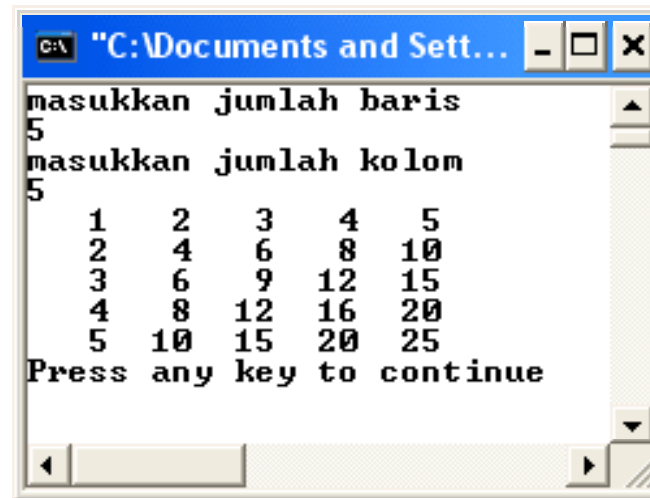


```
"C:\Documents and S...
masukkan jumlah baris
5
masukkan jumlah kolom
5
  A   A   A   A   A
  A   A   A   A   A
  A   A   A   A   A
  A   A   A   A   A
  A   A   A   A   A
Press any key to continue
```


Kasus Nested Loop 2

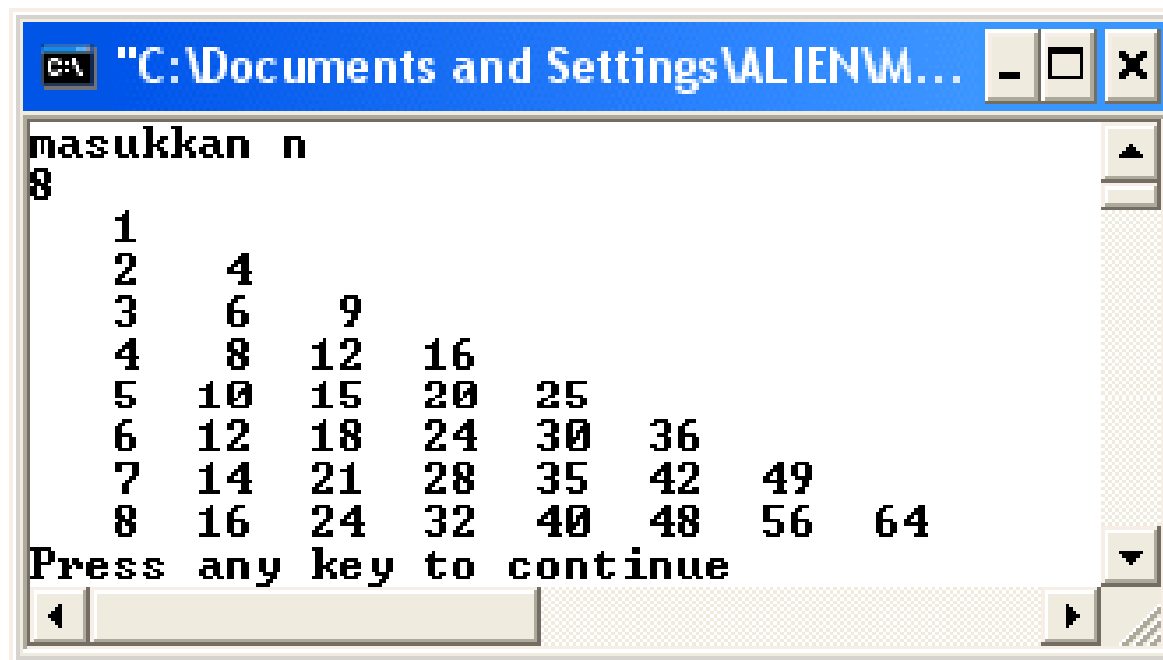
```
main()
{
for(i=1; i<=8; i+ + )
{
for(j=1; j<=8; j+ + )
printf("%4d", i*j);

printf("\n");
}
}
```

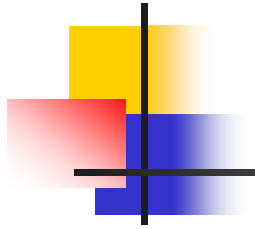


```
"C:\Documents and Sett...
masukkan jumlah baris
5
masukkan jumlah kolom
5
  1  2  3  4  5
  2  4  6  8 10
  3  6  9 12 15
  4  8 12 16 20
  5 10 15 20 25
Press any key to continue
```

Soal



```
masukkan n
8
 1
 2  4
 3  6  9
 4  8 12 16
 5 10 15 20 25
 6 12 18 24 30 36
 7 14 21 28 35 42 49
 8 16 24 32 40 48 56 64
Press any key to continue
```



```
C:\ "C:\Documents and Settings\ALIEN\My D... - [ ] [X]
****--
****--
Press any key to continue
```