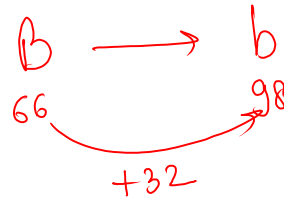
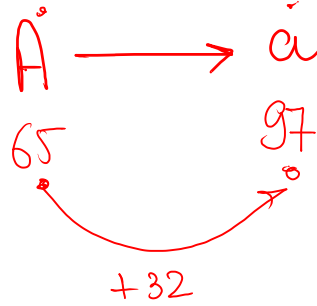


# ASCII

Dec	Char	Dec	Char	Dec	Char	Dec	Char
0	Null	32	Space	64	@	96	`
1	Start of heading	33	!	65	A	97	a
2	Start of text	34	"	66	B	98	b
3	End of text	35	#	67	C	99	c
4	End of transmit	36	\$	68	D	100	d
5	Enquiry	37	%	69	E	101	e
6	Acknowledge	38	&	70	F	102	f
7	Audible bell	39	'	71	G	103	g
8	Backspace	40	(	72	H	104	h
9	Horizontal tab	41	)	73	I	105	i
10	Line feed	42	*	74	J	106	j
11	Vertical tab	43	+	75	K	107	k
12	Form feed	44	,	76	L	108	l
13	Carriage return	45	-	77	M	109	m
14	Shift out	46	.	78	N	110	n
15	Shift in	47	/	79	O	111	o
16	Data link escape	48	0	80	P	112	p
17	Device control 1	49	1	81	Q	113	q
18	Device control 2	50	2	82	R	114	r
19	Device control 3	51	3	83	S	115	s
20	Device control 4	52	4	84	T	116	t
21	Neg. acknowledge	53	5	85	U	117	u
22	Synchronous idle	54	6	86	V	118	v
23	End trans. block	55	7	87	W	119	w
24	Cancel	56	8	88	X	120	x
25	End of medium	57	9	89	Y	121	y
26	Substitution	58	:	90	Z	122	z
27	Escape	59	;	91	[	123	{
28	File separator	60	<	92	\	124	
29	Group separator	61	=	93	]	125	}
30	Record separator	62	>	94	^	126	~
31	Unit separator	63	?	95	_	127	DEL



## ⇒ While loop

Syntax:-

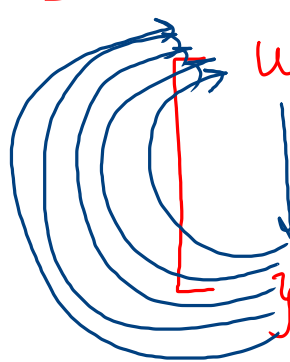
initialization  
while ( condition ) {  
    //statement  
    inc/dec  
}

Note:-

for ( initialization; condition; inc/dec ) {  
    //statement  
}

ex:-

int i = 1;  
while ( i <= 5 ) {  
    Syso ( i );  
    i++;  
}



Output

→ 1 <= 5  
→ 2 <= 5  
→ 3 <= 5  
→ 4 <= 5  
→ 5 <= 5  
→ 6 <= 5

1
2
3
4
5

# Print n, n-3, n-6 .....

```
public class Solution {  
  
    public static void main(String[] args) {  
        Scanner scn = new Scanner(System.in);  
        → int n = scn.nextInt();  
  
        while (n > 0) {  
            → System.out.println(n);  
            → n = n - 3;  
        }  
    }  
}
```

$n = 20$

output

20 > 0	20
17 > 0	17
14 > 0	14
11 > 0	11
8 > 0	8
5 > 0	5
2 > 0	2
-1 > 0	

## Print n, n-k, n-2k, n-3k .....

```
import java.io.*;
import java.util.*;

public class Solution {

    public static void main(String[] args) {
        Scanner scn = new Scanner(System.in);
        int n = scn.nextInt();
        int k = scn.nextInt();
        while (n >= 0) {
            System.out.println(n);
            n = n - k;
        }
    }
}
```

---