

else if :- 4.

and or
(&& , ||)

logical operator.

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

```
main()
```

```
{
```

```
int a, b, c a, b, c;
```

```
printf("entre value of a");
```

```
if (1) scanf("%d", &a);
```

```
printf("entre value of b");
```

```
scanf("%d", &b);
```

```
printf("Entre value of c");
```

```
scanf("%d", &c);
```

```
if (a > b && a > c)
```

```
{ printf("a max");
```

```
}
```

```
else if (b > a && b > c)
```

```
{ printf("b max");
```

```
}
```

```
else if (c > a && c > b)
```

```
{ printf("c max");
```

```
}
```

```
else
```

```
{ printf("No one is max");
```

```
}
```

```
}
```

* Print any number into word. (if...)

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

```
main()
```

```
{ int n;
```

```
printf("entre value of n: ");
```

```
scanf("%d", &n);
```

```
if (n==1)
```

```
{ printf("one");
```

```
}
```

```
else if (n==2)
```

```
{ printf("two");
```

```
}
```

```
else if (n==3)
```

```
{ printf("Three");
```

```
}
```

```
else if (n==4)
```

```
{ printf("four");
```

```
}
```

```
else if (n==5)
```

```
{ printf("Five");
```

```
}
```

```
else if (n==6)
```

```
{ printf("six");
```

```
}
```

```
else if (n==7)
```

```
{ printf("seven");
```

```
}
```

```
else if (n==8)
```

```
{ printf("eight");
```

```
}
```

```
else if (n==9)
```

```
{ printf("nine");
```

```
}
```

```
else
```

```
{ printf("Invalid No.");
```

```
}
```

3

3/ switch

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

```
main()
```

```
{
```

```
int n;
```

```
printf("Enter value of n");
```

```
scanf("%d", &n);
```

```
switch (n)
```

```
{
```

```
case 1: printf("one");  
break;
```

```
case 2: printf("Two");  
break;
```

```
case 3: printf("Three");  
break;
```

```
case 4: printf("Four");  
break;
```

```
case 5: printf("Five");  
break;
```

```
case 6: printf("Six");  
break;
```

```
case 7: printf("seven");  
break;
```

```
case 8: printf("eight");  
break;
```

```
case 9: printf("nine");  
break;
```

```
default: printf("no value for this");
```

```
}  
}
```

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

```
main()
```

```
{
```

```
char ch;
```

```
printf("enter any ch");
```

```
scanf("%c", &ch);
```

```
switch (ch)
```

```
{
```

```
case 'a':
```

```
case 'e':
```

```
case 'i':
```

```
case 'o':
```

```
case 'u': printf("vowel");
```

```
break;
```

```
default : printf("consonant");
```

```
}
```

```
}
```


1) If we give non-alphabate char. as input then del

2) accept month no. from user & print how many days in that month.

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

```
main()
```

```
{ char ch;
```

```
printf("entre any ch");
```

```
scanf("%c", &ch);
```

```
if ((ch >= 'a' && ch <= 'z') || (ch >= 'A' && ch <= 'Z'))
```

```
{ switch (ch)
```

```
{ case 'a' :
```

```
case 'A' :
```

```
case 'e' :
```

```
case 'E' :
```

```
case 'i' :
```

```
case 'I' :
```

```
case 'o' :
```

```
case 'O' :
```

```
case 'u' :
```

```
case 'U' : printf("Vowel");
```

```
break;
```

```
default : printf("consonant");
```

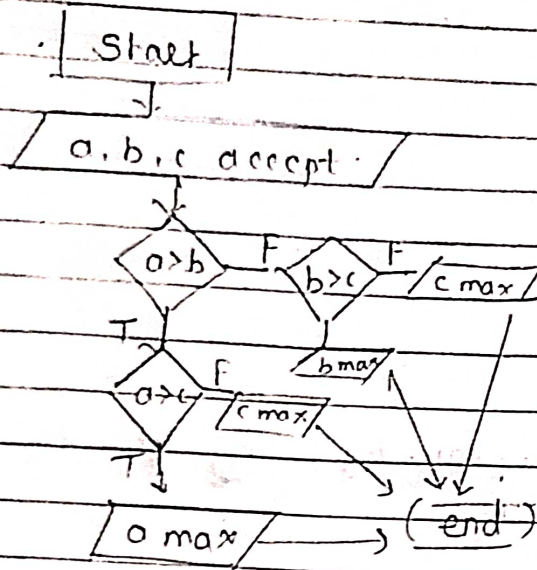
```
}
```

```
} else
```

```
{ printf("your entered value is not alphabate");
```

```
}
```

Neged if else.



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

```
main()
```

```
{ int a, b, c;
```

```
printf("Enter value of a");
```

```
scanf("%d", &a);
```

```
printf("Enter value of b");
```

```
scanf("%d", &b);
```

```
printf("Enter value of c");
```

```
scanf("%d", &c);
```

```
if (a > b)
```

```
{
```

```
if (a > c)
```

```
{ printf("a max");
```

```
}
```

```
else
```

```
{ printf("c max");
```

```
}
```

```
}
```

```
else
```

```
{ if (b > c)
```

```
{ printf("b max");
```


else
{ printf ("c max");
}

}

}

write a leap year program by using if...else only
(you can use $\phi\phi$, $||$)

#include <stdio.h>

main()

{ int n;

printf ("enter any year");

scanf ("%d", &n);

if (n % 400 == 0)

{ printf ("leap year"); }

else if (n % 100 == 0)

{ printf ("Not leap year"); }

else if (n % 4 == 0)

{ printf ("leap year"); }

else

{ printf ("Not leap year"); }

}