Conditional Operator

By using this condition operator, it will check whether the condition is true or false

a>b? a: b

<condition> T: F

1.WAP to read two numbers find big among them

Explanation

a>b?a:b ➔ a=20 b=40

20>40? 20:40

20>40? 40

False? 40

Program

```
#include<stdio.h>
void main()
{
    int a,b,r;
    printf("Enter Two Numbers:");
    scanf("%d%d",&a,&b);
    r=a>b?a:b;
    printf("sum=%d",r);
    return 0;


}
```

2.WAP to read three numbers find big among them

Program

```
#include<stdio.h>
void main()
{
    int a,b,c,r;
    printf("Enter Three Numbers:");
    scanf("%d%d%d",&a,&b,&c);
    r=(a>b?a:b) > c ? (a>b?a:b):c ;
    //r=(50>100?50:100) > 200 ? (50>100?50:100):200
    //r= (50>100? 100)> 200 ? (50>100?50:100):200
    //r= false ? 200
    printf("sum=%d",r);
    return 0;
}
```

Output

Enter Three Numbers:50 100 200

sum=200

3.WAP to read p, t, r values and find the simple interest?

Program

```
#include<stdio.h>
void main()
{
    int p,t,r,si;
    printf("Enter p,t,r Values:");
    scanf("%d%d%d",&p,&t,&r);
```

```c
    si=p*t*r/100;
    printf("Simple Interest=%d",si);
    return 0;


}
```

Output

Enter p,t,r Values:20000 2 3
Simple Interest=1200

4.WAP to read basic, hra ,da, pf find the net salary
Program
```c
#include<stdio.h>
void main()
{
    int basic,hra,pf,da,netsal;
    printf("Enter basic,hra,pf,da:");
    scanf("%d%d%d%d",&basic,&hra,&pf,&da);
    netsal=basic+hra+da-pf;
    printf("NetSalary=%d",netsal);



}
```

Output

Enter basic,hra,pf,da:80000 5000 2000 4000
NetSalary=87000