Nested If

(I)

```
if ( test cond )
{
        if ( test cond )
        {
            ≡≡≡
        }
        else
        {
            ≡≡
        }
}
```

else
```
{
        if ( test cond )
        {
            ≡
        }
        else
        {
            ≡≡≡
        }
}
≡≡≡≡
```

(II)

```
if ( test cond )
{
    ≡≡
}
else
{
        if ( test cond )
        {
            ≡≡
        }
        else
        {
            ≡≡
        }
}
```

II

```
if ( test- cond )
{
        if ( test- cond )
        {
            ≡≡≡
        }
        else {
            ≡≡
        }
}
else {
    ≡≡≡
}
```

```
if ( cond 1  &&  cond 2)
{
    ≡≡≡≡
}

if ( cond 1 )
{
        if ( cond 2 )
        {
            ≡≡
        }
}
```

WAP to accept 3 integers from the user and find out the GREATEST number amongst them. Assume that all 3 integers are unique and DO NOT USE ANY LOGICAL OPERATOR.

```
#include <stdio.h>        35      27      40      if(a>b)
#include <conio.h>         a       b       c       {
void main()                                             if(a>c)
{                                                           printf("Gr no is %d",a);
    int a,b,c;                                          else
    clrscr();                                               printf("Gr no is %d",c);
    printf("Enter 3 unique integers:");             }
    scanf("%d %d %d",&a,&b,&c);                      else
                                                    {
                                                        if(b>c)
                                                            printf("Gr no is %d",b);
                                                        else
                                                            printf("Gr no is %d",c);
                                                    }
                                                    getch();
                                                    }
```

```
#include <stdio.h>        20      10      30      if(a>b)
#include <conio.h>         a       b       c       {
void main()                                             if(a>c)
{                          Why code!                     printf("Gr no is %d",a);
    int a,b,c;                                       }
    clrscr();                                        else
    printf("Enter 3 unique integers:");             {
    scanf("%d %d %d",&a,&b,&c);                          if(b>c)
                                                            printf("Gr no is %d",b);
                                                        else
                                                            printf("Gr no is %d",c);
                                                    }
                                                    getch();
                                                    }
```