```c
#include<stdio.h>
int main(){

 int num1,num2,num3,max;
    printf("enter valur num1 :");
    scanf("%d", &num1);
    printf("enter valur num2 :");
    scanf("%d", &num2);
    printf("enter valur num3 :");
    scanf("%d", &num3);

    if (num1>=num2)
    max=num1;
    else
    max=num2;
    if (max>=num3)
      printf("max num is %d", max);
    else
    printf("max num is num3");

    return 0;
}
```

```
enter valur num1 :3
enter valur num2 :5
enter valur num3 :7
max number is : 7
```

```c
#include<stdio.h>
int main(){

 int num1,num2,num3,max;
    printf("enter valur num1 :");
    scanf("%d", &num1);
    printf("enter valur num2 :");
    scanf("%d", &num2);
    printf("enter valur num3 :");
    scanf("%d", &num3);

    if (num1>=num2 && num1>=num3)
    printf("max num is num1");

    else if (num2>=num1 && num2>=num3)
    printf("max num is num2");

    else
    printf("max num is num3");

    return 0;
}
```

```
enter valur num1 :4
enter valur num2 :6
enter valur num3 :1
max num is num2
```

```c
#include<stdio.h>
int main(){

int num1,num2,num3,max;
    printf("enter valur num1 :");
    scanf("%d", &num1);
    printf("enter valur num2 :");
    scanf("%d", &num2);
    printf("enter valur num3 :");
    scanf("%d", &num3);

    max=(num1>num2)?((num1>num3)?num1 : num2) : ((num2>num3)? num2 : num3);

    printf("max number is : %d", max);
    return 0;

}
```

```
enter valur num1 :5
enter valur num2 :9
enter valur num3 :11
max number is : 11
```

```c
#include<stdio.h>
int main(){

char ch;
printf("enter character :");
scanf("%c",&ch);

if (ch>='a' && ch<='z')
    printf("character in smallcase");

else
    printf("character in not a smallcase");

return 0;
}
```

```
PS C:\Users\Chira\OneDrive\Desktop\gojo\hello.c> gcc p19.c
PS C:\Users\Chira\OneDrive\Desktop\gojo\hello.c> ./a.exe
enter character :D
character in not a smallcase
```

```c
#include<stdio.h>
int main(){

    int A,B,C;
    printf("enter value of A :");
    scanf("%d", &A);
    printf("enter value of B :");
    scanf("%d", &B);
    printf("for sum enter 1 \n");
    printf("for diffrence enter 2 \n");
    printf("for multiplication enter 3 \n");
    printf("for divison enter 4 \n");
    scanf("%d", &C);
    if(C==4 && B==0)
    printf("division is not difine");

    switch(C){
    case 1 : printf("sum of A&B is : %d", A+B);
             break;
    case 2 : printf("diff of A&B is : %d", A-B);
             break;
    case 3 : printf("multiplication of A&B is : %d", A*B);
```

```c
#include<stdio.h>
int main (){

    int i,j,n,s=1;
    printf("enter value of number :");
    scanf("%d", &n);
    printf("enter value of power :");
    scanf("%d", &j);

    for(i=1;i<=j;i++){

        s=s*n;

    }
    printf("value if given number power is : %d", s);
    return 0;
}
```

```c
            break;
case 4 : printf("divsion of A&B is : %d",A/B);
            break;

}
return 0;
```

```c
#include<stdio.h>
int main(){
    char ch;
    int A,B;
    printf("for sum enter + \n");
    printf("for diffrence enter - \n");
    printf("for multiplication enter * \n");
    printf("for divison enter / \n");
    scanf("%c", &ch);
    printf("your char is %c", ch);
    printf("enter value of A :");
    scanf("%d", &A);
    printf("enter value of B :");
    scanf("%d", &B);

    if(ch=='/' && B==0)
    printf("division is not difine");
```

```c
switch(ch){

case '+' : printf("sum of A&B is : %d", A+B);
            break;
case '-' : printf("diff of A&B is : %d", A-B);
            break;
case '*' : printf("multiplication of A&B is : %d", A*B);
            break;
case '/' : printf("divsion of A&B is : %d",A/B);
            break;


}
return 0;

}
```

```
for sum enter +
for diffrence enter -
for multiplication enter *
for divison enter /
/
your char is /enter value of A :3
enter value of B :6
divsion of A&B is : 0.500000
```

```
PS C:\Users\Chira\OneDrive\Desktop\gojo\hello.c> gcc p22.c
PS C:\Users\Chira\OneDrive\Desktop\gojo\hello.c> ./a.exe
enter any number :5
value of factorial is : 120
```

```
PS C:\Users\chira\OneDrive\Desktop\gojo\hello.c> ./a.exe
enter value of A :4
enter value of B :8
for sum enter 1
for diffrence enter 2
for multiplication enter 3
for divison enter 4
1
sum of A&B is : 12
```

```c
#include<stdio.h>
int main(){

    int i=1,n,f=1;
    printf("enter any number :");
    scanf("%d", &n);

    for(i=1;i<=n;i++) {
        f=f*i;
    }
    printf("value of factorial is : %d", f);
    return 0;

}
```

```
PS C:\Users\Chira\OneDrive\Desktop\gojo\hello.c> gcc p23.c
PS C:\Users\Chira\OneDrive\Desktop\gojo\hello.c> ./a.exe
enter value of number :2
enter value of power :4
value if given number power is : 16
```