

C



Run

Save

```
1. #include<stdio.h>
int main()
{
char ch;
int n,i,j;
printf("Enter the character to be printed:");
scanf("%c",&ch);
printf("Maxx Number of time printed:");
scanf("%d",&n);
for(i=1;i<=n;++i)
{
for(j=1;j<=i;++j){
printf("%d",ch);
}
printf("\n");
}
return 0;
}
```

```
1. #include<stdio.h>
int main()
{
    int num,i,count = 0;
    printf("Enter a positive integer: ");
    scanf("%d",&num);
    for(i = 1; i <= num; i++){
        if(num % i == 0){
            count++;
        }
    }
    printf("the number of factors of %d is %d.",num,count);
    return 0;
}
```

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```
1. #include<stdio.h>
int main()
{
    int n,i,j;
    printf("enter the size of the square:");
    scanf("%d",&n);
    for(i=1;i<=n;i++)
    {
        for(j=1;j<=n;j++)
        {
            if(i == 1 || i == n || j == n)
            {
                printf("*");
            }
            else{
                printf(" ");
            }
        }
        printf("\n");
    }
    return 0;
}
```



```
1. #include<stdio.h>
2. int main()
{
    char str[100];
    char ch;
    int index=-1;
    printf("Enter a string:");
    scanf("%s",str);
    printf("Enter a character to search:");
    scanf("%c",&ch);
    for(int i=0;str[i]!='\0';i++){
        if(str[i]==ch){
            index=i;
            break;
        }
    }
    if(index== -1){
        printf("The character '%c' is not present in the string.\n",ch);
    }else{
        printf("The character '%c' is present at index %d in the string.\n",ch,index);
    }
    return 0;
}
```

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```
1. #include<stdio.h>
2. int main()
{
    char str[100];
    char ch;
    int index=-1;
    printf("Enter a string:");
    scanf("%s",str);
    printf("Enter a character to search:");
    scanf("%c",&ch);
    for(int i=0;str[i]!='\0';i++){
        if(str[i]==ch){
            index=i;
            break;
        }
    }
    if(index==-1){
        printf("The character '%c' is not present in the string.\n",ch);
    }else{
        printf("The character '%c' is present at index %d in the string.\n",ch,index);
    }
    return 0;
}
```

Enter a
search:T
present

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```
1. #include<stdio.h>
2. int main()
3. {
4.     int rows,columns,i,j;
5.     printf("Enter the number of rows:");
6.     scanf("%d",&rows);
7.     printf("Enter the number of columns:");
8.     scanf("%d",&columns);
9.     for(i=1;i<=rows;i++){
10.         for(j=1;j<=columns;j++){
11.             if(i == 1||i == rows||j == 1||j == columns){
12.                 printf("$");
13.             }else{
14.                 printf(" ");
15.             }
16.         }
17.         printf("\n");
18.     }
19.     return 0;
}
```



```
1. #include<stdio.h>
2. int main()
3. {
4.     int num, reversed_num=0, remainder;
5.     printf("enter an integer:");
6.     scanf("%d", &num);
7.     while(num !=0)
8.     {
9.         remainder=num%10;
10.        reversed_num=reversed_num*10+remainder;
11.        num/=10;
12.    }
13.    printf("the reversed number is:%d",reversed_num);
14.    return 0;
15. }
```



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← C 172.18.49.175

SIMATS C IDE

```
1. #include<stdio.h>
2.
3. void addnumbers(int *a, int *b, int *sum)
4. {
5.     *sum = *a + *b;
6. }
int main()
{
    int num1, num2, sum;
    printf("the first number");
    scanf("%d", &num1);
    printf("the second number");
    scanf("%d", &num2);
    addnumbers(&num1, &num2, &sum);
    printf("sum of %d and %d is %d", num1, num2, sum);

    return 0;
}
```

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← → G Not secure | 172.18.49.175/php_c/home.php

```
1. #include<stdio.h>
2. int main()
3. {
4.     int a[25],n,i;
5.     float avg=0,sum=0;
6.     printf("enter the number of element in array:");
7.     scanf("%d",&n);
8.     printf("\n enter the array of element:\n");
9.     for(i=1;i<=n;i++)
10.    {
11.        scanf("%d",&a[i]);
12.    }
13.    for(i=1;i<=n;i++)
14.    {
15.        sum=sum+a[i];
16.        avg=sum/n;
17.    }
18.    printf("\n sum of element of array is:%f",sum);
19.    printf("\naverage of element of array are:%f",avg);
20.    return 0;
21. }
```

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← → C Not secure | 172.18.49.175/php_c/home.php

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```
1. #include<stdio.h>
2. void factorial(int num, int *result);
3. int main()
4. {
5.     int num, result;
6.     printf("enter a number:");
7.     scanf("%d", &num);
8.     factorial(num,&result);
9.     printf("The factorial of%d is: %d\n",num,result);
10.    return 0;
11. }
12. void factorial(int num, int *result)
13. {
14.     int i;
15.     *result=1;
16.     for (i=1;i<= num;i++)
17.     {
18.         *result*=i;
19.     }
20. }
21.
22.
```

Type here to search

esc F1 F2 F3 F4 F5 F6