



Code

Output



```
1 #include <iostream>
2 using namespace std;
3
4 int main()
5 {
6     int num1,num2,num3;
7
8     cout<<" Enter value for first number";
9
10    cin>>num1;
11
12    cout<<" Enter value for second number";
13
14    cin>>num2;
15
16    cout<<" Enter value for third number";
17
18    cin>>num3;
19
20    if(num1>num2&&num1>num3) {
21
22        cout<<" First number is
23 greatest:"<<endl<<"whick is= "<<num1;
24    } else if(num2>num1&&num2>num3) {
25
26        cout<<" Second number is
27 greatest"<<endl<<"whick is= "<<num2;
28    } else {
29
30        cout<<" Third number is
31 greatest"<<endl<<"whick is= "<<num3;
32    }
33
34    return 0;
```

TAB

{

}

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RUN



Code

Output

Enter value for first number Enter value for
second number Enter value for third number
Third number is greatest
which is= 32766



Code

Output



```
1 include <iostream>
2 using namespace std;
3 int main()
4 {
5     int a = 5, b = 10, temp;
6     cout << "Before swapping." << endl;
7     cout << "a = " << a << ", b = " << b << endl;
8
9     temp = a;
10    a = b;
11    b = temp;
12    cout << "\nAfter swapping." << endl;
13    cout << "a = " << a << ", b = " << b << endl;
14    return 0;
15 }
```

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RUN





Code

Output



1 Before swapping. a = 5, b = 10

2 After swapping. a = 10, b = 5



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RUN





Code

Output



```
1 using namespace std;
2 int main()
3 { int year;
4 cout << "Enter a year: ";
5 cin >> year;
6 if (year % 4 == 0)
7 { if (year % 100 == 0)
8 { if (year % 400 == 0)
9 cout << year << " is a leap year.";
10 else cout << year << " is not a leap year.";
11 } else cout << year << " is a leap year.";
12 } else cout << year << " is not a leap year.";
13 return 0;
14 }
```

15

16 Output

17

18 Enter a year: 2014 2014 is not a leap year.

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RUN



X

Code

Output

⋮

1

2

3 Enter a year: 2014 2014 is not a leap year.



Code

Output



```
1 •#include <iostream>
2
3 •using namespace std;
4
5 •int main() {
6
7     • int n1=0,n2=1,n3,i,number;
8
9     • cout<<"Enter the number of elements: ";
10
11    • cin>>number;
12
13    • cout<<n1<<" "<<n2<<" "; //printing 0 and 1
14
15    • for(i=2;i<number;++i) //
16        loop starts from 2 because 0 and 1 are already printed
17
18    • {
19        • n3=n1+n2;
20
21        • cout<<n3<<" ";
22
23        • n1=n2;
24        n2=n3;    }
25
26    • return 0; 7
```

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RUN





Code

Output



```
1 •  
2 Enter the number of elements: 10 0 1 1 2 3 5 8  
13 21 34 |
```

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}

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"

RUN





Code

Output



```
1      • #include <iostream>
2      using namespace std;
3
4      int main() {
5          int i, n;
6          bool isPrime = true;
7
8          cout << "Enter a positive integer: ";
9          cin >> n;
10
11         // 0 and 1 are not prime numbers
12         if (n == 0 || n == 1) {
13             isPrime = false;
14         }
15         else {
16             for (i = 2; i <= n / 2; ++i) {
17                 if (n % i == 0) {
18                     isPrime = false;
19                     break;
20                 }
21             }
22         }
23         if (isPrime)
24             cout << n << " is a prime number";
25         else
26             cout << n << " is not a prime number";
27
28         return 0;
29     }
30
31
32
33             |break;
34         }
35     }
36 }
37 if (isPrime)
38     cout << n << " is a prime number":
```

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"

RUN



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1 Enter a positive integer: **29** **29** is a prime number.

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}

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)

"

RUN





Code

Output

```
1 #include<iostream>
2 using namespace std;
3 int main()
4 {
5     int n, s, i, j;
6     cout << "Enter number of rows: ";
7     cin >> n;
8     for(i = 1; i <= n; i++)
9     {
10         //for loop for displaying space
11         for(s = i; s < n; s++)
12         {
13             cout << " ";
14         }
15         //for loop to display star equal to row number
16         for(j = 1; j <= (2 * i - 1); j++)
17         {
18             cout << "*";
19         }
20         // ending line after each row
21         cout << "\n";
22     }
23 }
```

TAB

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}

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RUN





Code

Output



```
1 •#include<iostream>
2
3 •using namespace std;
4
5 •int main ()
6
7 •{
8
9 •int A[10], n, i, j, x;
10
11 •cout << "Enter size of array : ";
12
13 •cin >> n;
14
15 •cout << "Enter elements of array : ";
16
17 •for (i = 0; i < n; i++)
18
19 •cin >> A[i];
20
21 •for (i = 0; i < n; i++)
22
23 •{
24
25 •for (j = i + 1; j < n; j++)
26
27 •{
28
29 •if (A[i] < A[j])
30
31 •{
32
33 •x = A[i];
34
35 •A[i] = A[j];
36
37 •A[j] = x;
38
```

TAB

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}

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RUN





Code

Output



```
14
15 •cout << "Enter elements of array : ";
16
17 •for (i = 0; i < n; i++)
18
19 •cin >> A[i];
20
21 •for (i = 0; i < n; i++)
22
23 •{
24
25 •for (j = i + 1; j < n; j++)
26
27 •{
28
29 •if (A[i] < A[j])
30
31 •{
32
33 •x = A[i];
34
35 •A[i] = A[j];
36
37 •A[j] = x;
38
39 •}
40
41 •}
42
43 •}
44
45 •cout << "Second largest number : " << A[1];
46
47 •cout << "\nSecond smallest number : " << A[n - 2];
48
49 •return 0;
50
51
```

TAB

{

}

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)

"

RUN





Code

Output



```
1 #include <iostream>
2 using namespace std;
3
4 int main()
5 {
6     int n,d;
7
8     //input value of n and d
9     cout<<"Enter the value of n and d"<<endl;
10    cin>>n>>d;
11    int a[n];
12
13    //input array elements
14    cout<<"enter the array elements : ";
15    for(int i=0;i<n;i++)
16    {
17        cin>>a[i];
18    }
19
20    //print the elements of array after rotation
21    cout<<"array elements after rotation : ";
22    for(int i=0;i<n;i++)
23    {
24        cout<<a[(i+d)%n]<<" ";
25    }
26
27    return 0;
28 }
```

TAB

{

}

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)

"

RUN





Code

Output



```
1 include <bits/stdc++.h>
2
3 using namespace std;
4
5
6
7 // Function to remove spaces and convert
8 // into camel case
9
10 string convert(string s)
11
12 {
13
14     int n = s.length();
15
16
17
18     int res_ind = 0;
19
20
21
22
23     for (int i = 0; i < n; i++) {
24
25
26
27         // check for spaces in the sentence
28
29         if (s[i] == ' ') {
30
31
32
33             // conversion into upper case
34
35             s[i + 1] = toupper(s[i + 1]);
36
37             continue;
38 }
```

TAB

{

}

(

)

"

RUN





Code

Output



```
38
39 }
40
41
42
43 // If not space, copy character
44
45 else
46
47     s[res_ind++] = s[i];
48
49 }
50
51
52
53 // return string to main
54
55 return s.substr(0, res_ind);
56
57 }
58
59
60
61 // Driver program
62
63 int main()
64 {
65
66     string str = "I get intern at geeksforgeeks";
67
68     cout << convert(str);
69
70
71     return 0;
72
73 }
```

TAB

{

}

(

)

"

RUN

