

Programiz C Online Compiler

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```
main.c
1 // Online C compiler to run C program online
2 #include <stdio.h>
3
4 void main()
5 {   typedef int integer;
6     integer a =10;
7     printf("%d",a);
8
9
10 }
```

Output

10

=== Code Exited With Errors ===

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Programiz C Online Compiler

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```
main.c
1 // Online C compiler to run C program online
2 #include <stdio.h>
3
4 int main() {
5     //find the largest no.
6     int a ,b;
7     printf("Enter the numbers");
8     scanf("%d%d",&a,&b);
9     if(a>b)
10 {
11     printf("a");
12 }
13 else
14 {
15     printf("b");
16 }
17
18 return 0;
19 }
```

Output

Enter the numbers12
34
b

=== Code Execution Successful ===

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C Online Compiler

main.c

```
1 // Online C compiler to run C program online
2 #include <stdio.h>
3
4 int main() {
5     int num;
6     printf("Enter the number");
7     scanf("%d",&num);
8     if(num%2==0)
9     {
10         printf("number is even");
11     }
12     else
13     {
14         printf("number is odd");
15     }
16
17     return 0;
18 }
```

Output

```
Enter the number24
number is even

=== Code Execution Successful ===
```

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C Online Compiler

main.c

```
2 #include <stdio.h>
3
4 int main() {
5     //find the largest no.
6     int a,b,c;
7     printf("Enter the numbers");
8     scanf("%d%d%d",&a,&b,&c);
9     if(a>b && a>c)
10    {
11        //if(a>c)
12        printf("%d",a);
13        // else
14        // printf("%d",c);
15    }
16    else if(b>a && b>c)
17    {
18        // if(b>c)
19        printf("%d",b);
20    }
21    else
22        printf("%d",c);
23
24
25
26
27    return 0;
28 }
```

Output

```
Enter the numbers56
57
58
59
=== Code Execution Successful ===
```

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```
main.c
1 // Calculate the area and perimeter of circle.
2 #include <stdio.h>
3
4 int main()
5 {
6     float area,peri ;
7     float r;
8     printf("Enter radius ");
9     scanf("%f",&r);
10    area=3.14*r*r;
11    peri=2*3.14*r;
12    printf("area=%f",area);
13    printf("\nperi=%f",peri);
14
15    return 0;
16 }
```

Output

Enter radius 4
area=50.240002
peri=25.120001

=== Code Execution Successful ===

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```
main.c
1 // Calculate the S.I
2 #include <stdio.h>
3
4 int main()
5 {
6     float si ;
7     int p, r, t;
8     printf("Enter principal , rate and time");
9     scanf("%d%d%d",&p,&r,&t);
10    si=(p*r*t)/100;
11    printf("SI=%f",si);
12
13    return 0;
14 }
```

Output

Enter principal , rate and time1000
5
2
SI=100.000000

=== Code Execution Successful ===

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main.c

```
1 // Calculate the area and perimeter of rectangle.
2 #include <stdio.h>
3
4 int main()
5 {
6     float area,peri ;
7     float l,b;
8     printf("Enter length and breadth");
9     scanf("%f%f",&l,&b);
10    area=l*b;
11    peri=2*(l+b);
12    printf("area=%f",area);
13    printf("\nperi=%f",peri);
14
15    return 0;
16 }
```

Output

```
Enter length and breadth
4
area=8.000000
peri=12.000000
=== Code Execution Successful ===
```

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main.c

```
1 // WAP tp swap two numbers
2 #include <stdio.h>
3
4 int main()
5 {
6     int a ,b;
7     printf("Enter two values");
8     scanf("%d%d",&a,&b);
9     int temp =a;
10    a=b;
11    b=temp;
12    printf("a=%d",a);
13    printf("\nb=%d",b);
14
15    return 0;
16 }
```

Output

```
Enter two values10
12
a=12
b=10
=== Code Execution Successful ===
```

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Programiz

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main.c

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Output Clear

```
1 // WAP to find the compound interest
2 #include <stdio.h>
3 #include<math.h>
4
5 int main()
6 {
7     float p , n ,r;
8     printf("Enter the values");
9     scanf("%f%f%f",&p,&n,&r);
10    float CA=p*pow((1+(r/100)),n);
11    float CI=CA-p;
12    printf("CI=%f",CI);
13
14
15    return 0;
16 }
```

```
Enter the values100
2
5
CI=102.499878

=== Code Execution Successful ===
```

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