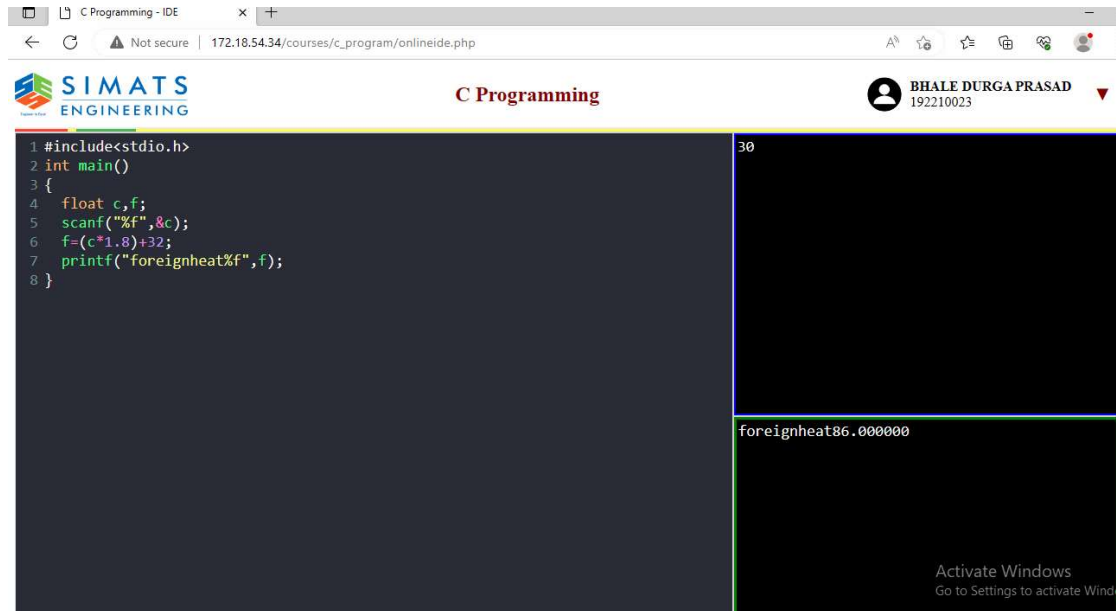


c programming csa 0272

operators



C Programming - IDE

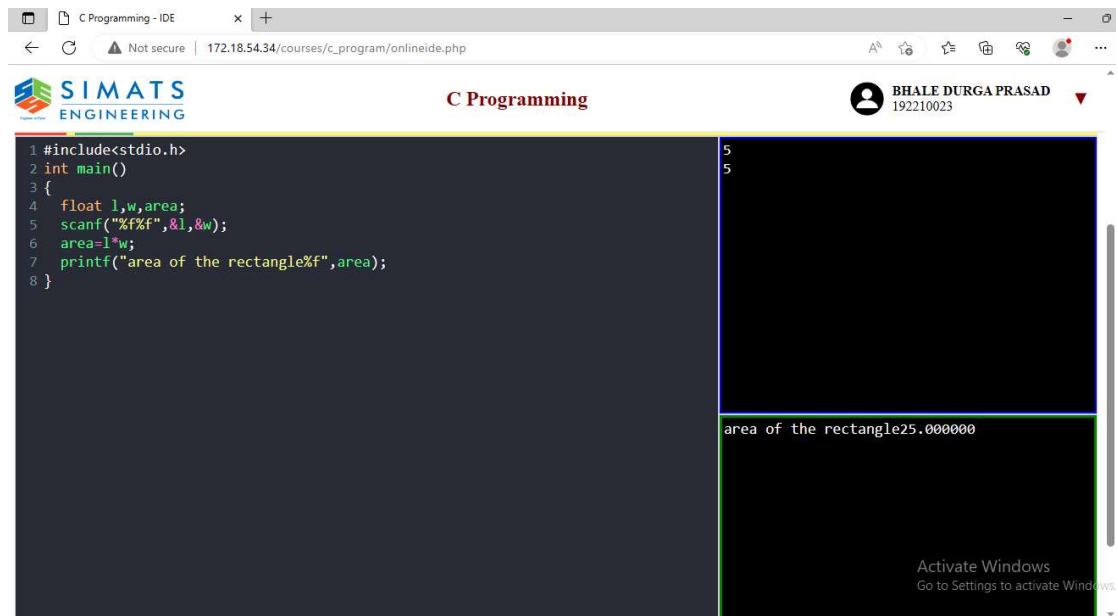
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**SIMATS ENGINEERING** **C Programming** **BHALE DURGA PRASAD** 192210023

```
1 #include<stdio.h>
2 int main()
3 {
4     float c,f;
5     scanf("%f",&c);
6     f=(c*1.8)+32;
7     printf("foreignheat%f",f);
8 }
```

foreignheat86.000000

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```
1 #include<stdio.h>
2 int main()
3 {
4     float l,w,area;
5     scanf("%f%f",&l,&w);
6     area=l*w;
7     printf("area of the rectangle%f",area);
8 }
```

area of the rectangle25.000000

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**C Programming**

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```
1 #include<stdio.h>
2 int main()
3 {
4     int a,b,sum,d,p;
5     float di;
6     scanf("%d%d",&a,&b);
7     sum=a+b;
8     d=a-b;
9     p=a*b;
10    di=a/b;
11    printf("sum%d\ndifference%d\nproduct%d\ndivide%f",sum,d,p,di);
12 }
```

2  
2

sum4  
difference0  
product4  
divide1.000000

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C Programming - IDE

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**SIMATS ENGINEERING**

**C Programming**

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Run Save

```
1 #include<stdio.h>
2 int main()
3 {
4     int a,b,c;
5     scanf("%d%d%d",&a,&b,&c);
6     if(a>b && a>c && b<c)
7         printf("%d is maximum\n minimum%d",a,b);
8     if(b>a && b>c && c<a)
9         printf("%d is maximum\nminimum%d",b,c);
10    if(c>a && c>b && a<b)
11        printf("%d is maximum\nminimum%d",c,a);
12 }
```

1  
4  
8

8 is maximum  
minimum1

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Type here to search

ENG 14:01  
IN 28/04/2023

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**SIMATS ENGINEERING** **C Programming** **BHALE DURGA PRASAD** 192210023

```
1 #include<stdio.h>
2 int main()
3 {
4     int a;
5     scanf("%d",&a);
6     if(a%4==0 || a%400 )
7         printf("enter year is a leap year");
8     else
9         printf("enter year is not a leap year");
10 }
```

1222

enter year is a leap year

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**SIMATS ENGINEERING** **C Programming** **BHALE DURGA PRASAD** 192210023

```
1 #include<stdio.h>
2 int main()
3 {
4     int a;
5     scanf("%d",&a);
6     if(a%2==0)
7         printf("enter digit is even");
8     else
9         printf("entter digit is odd");
10 }
```

5

entter digit is odd

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Run Save Changes Updated, Saved 11

```
1 #include<stdio.h>
2 int main()
3 {
4     int a[100],sum=0,avg;
5     int i,n;
6     scanf("%d",&n);
7     for(i=0;i<n;i++)
8     {
9         scanf("%d",&a[i]);
10    }
11    for(i=0;i<n;i++)
12    {
13        sum=sum+a[i];
14    }
15    printf("sum%d",sum);
16    avg=sum/n;
17    printf("average%d",avg);
18 }
```

5  
1  
2  
3  
4  
0

sum10average2

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**SIMATS**  
ENGINEERING

**C Programming**

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```
1 #include<stdio.h>
2 int main()
3 {
4     int m,n,temp;
5     scanf("%d",&m,&n);
6     printf(" before swapping:\n m=%d\n n=%d\n",m,n);
7     temp=m;
8     m=n;
9     n=temp;
10    printf("after swap:\n m=%d\n n=%d",m,n);
11 }
```

2  
3

before swapping:  
m=2  
n=3  
after swap:  
m=3  
n=2

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