

Area of the triangle

```
#include <stdio.h>
```

```
#include <math.h>
```

```
#include <conio.h>
```

```
float area(int n1, int n2, int n3);
```

```
void main()
```

```
{
```

```
    int a, b, c;
```

```
    float A;
```

```
    clrscr();
```

```
    printf("Enter the three sides of a triangle");
```

```
    scanf("%d %d %d", &a, &b, &c);
```

```
    printf("\n The area of the given triangle is: %.f", area(a, b, c));
```

```
    getch();
```

```
}
```

```
float area (int n1, int n2, int n3) {
```

```
    float s, x;
```

```
    s = (n1 + n2 + n3) / 2;
```

```
    x = sqrt(s * (s - n1) * (s - n2) * (s - n3));
```

```
    return x;
```

```
}
```