

```
In [2]: class Triangle:

    def __init__(self,a,b,c):
        self.a = float(a)
        self.b = float(b)
        self.c = float(c)

    def area(self):
        s=(self.a + self.b + self.c)/2
        return((s*(s-self.a)*(s-self.b)*(s-self.c))**0.5)

a=input("Enter the value of a = ")
b=input("Enter the value of b = ")
c=input("Enter the value of c = ")
t = Triangle(a, b, c)
print("area : {}".format(t.area()))
```

```
Enter the value of a = 5
Enter the value of b = 7
Enter the value of c = 9
area : 17.41228014936585
```

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In [ ]:
```