

```
def newton_method(number, number_iters = 100):  
    a = float(number)  
    for i in range(number_iters):  
        number = 0.5 * (number + a / number)  
    return number  
a=int(input("Enter first number:"))  
b=int(input("Enter second number:"))  
print("Square root of first number:",newton_method(a))  
print("Square root of second number:",newton_method(b))
```