```python
import numpy as np
import pandas as pd
import tensorflow as tf
import os


def compute_area(sides):
    a = sides[:,0]
    b = sides[:,1]
    c = sides[:,2]
    s = (a + b + c) * 0.5
    areasq = s * (s - a) * (s - b) * (s - c)
    return tf.sqrt(areasq)
sess = tf.compat.v1.Session()
with tf.compat.v1.Session() as sess:
    area = compute_area(tf.constant([
            [5.0, 3.0, 7.1]
      ]))
    result = sess.run(area)
    print(result)
```

```
[6.278497]
```

```python
!pip install  --upgrade bert
```

```
Collecting bert
  Downloading bert-2.2.0.tar.gz (3.5 kB)
Collecting erlastic
  Downloading erlastic-2.0.0.tar.gz (6.8 kB)
Building wheels for collected packages: bert, erlastic
  Building wheel for bert (setup.py) ... done
  Created wheel for bert: filename=bert-2.2.0-py3-none-any.whl size=3765 sha256=ccba1
  Stored in directory: /root/.cache/pip/wheels/bb/31/1b/c05f362e347429b7436954d1a2286
  Building wheel for erlastic (setup.py) ... done
  Created wheel for erlastic: filename=erlastic-2.0.0-py3-none-any.whl size=6794 sha2
  Stored in directory: /root/.cache/pip/wheels/94/f1/b4/0b98b1e94775da6a0b1130e342d22
Successfully built bert erlastic
Installing collected packages: erlastic, bert
Successfully installed bert-2.2.0 erlastic-2.0.0
```

```python
#Find the roots of a quadratic equation
with tf.compat.v1.Session() as sess:
    a=tf.constant(1.0)
    b=tf.constant(-6.0)
    c=tf.constant(5.0)

    d=tf.subtract(tf.square(b),tf.multiply(4.0,tf.multiply(a,c)))
    r1=tf.divide(tf.add(-b,tf.sqrt(d)),tf.multiply(2.0,a))
    r2=tf.divide(tf.subtract(-b,tf.sqrt(d)),tf.multiply(2.0,a))
    print(sess.run(r1))
    print(sess.run(r2))
    sess.close()
```

```
5.0
1.0
```