```
import math

pi = math.pi

class cone:

    def __init__(self,r,h):

        self.r=r

        self.h=h

    def volume(self):

        result = (1 / 3) * pi * sel
f.r * self.r * self.h

        print("\nVolume Of Cone is
:",result)

    def surfacearea(self):

        result = pi * self.r * self.
h + pi * self.r * self.r

        print("\nSurface Area Of Con
e is :",result)
```

In [8]:

```
ra = float(input("\nEnter the radius
of cone : "))

he = float(input("\nEnter the height
of cone : "))

c = cone( ra, he)

c.volume()

c.surfacearea()
```

```
Volume Of Cone is : 261.799387799149
43

Surface Area Of Cone is : 235.619449
01923448
```

In [ ]: