```
stress When depth is constant
of float (input ("Enter the value of Load in ki: "))
Q = float (input ("Number of data values of radial distance; "))
N = int(input ("Number of data values of radial distance; "))
Z * float(input ("Depth: "))
r = []
for i-in range-(1,-N+1): -
print("Enter radial distance in m".format (i))
  value_r = float(input () )
 .append(Value_r)
  Enter the value of Load in kN: 2500
    sumber of data values of radial distance: 5
     Depth: 6
     Enter radial distance in m
     Stress: 30.962130445358056 kN/mn2
    Enter radial distance is m
     'Stress: -25,479163627894877 kN/mog.
     Enter radial distance in a
     'Stress: 18.08033449112347
    Enter radial oistance in m
    _stress:--13-22290223969301 kN/ma2
    Enter radial distance in m
     'Stress: 8.871775810212231 kN/me2
# Stress when Radius is Constant
                                                                A COR
0 = float (input("Enter the value of Load in ky: "))
He int (input ("Number of data values of depth: "))
pi = 3.14159265359
r = float(input("Radial Distance: "))
2 = []
for j in range (1, M+1): -
print("Enter depth in z".format-(j))
  Value_Z = float(input ())
  Z.append(Value_Z)
 Stress = ((3*Q)/(2*pi*Value_Z*Value_Z))*(((1/(1+((r/Value_Z)**2))))**2.
  print("Stress: ", Stress, "kH/m^2")
 Enter the value of Load in kN: 2500
    Number of data values of depth: 6
    Radial Distance: 5
    Enter depth in z
    'Stress: -8.34629643854273023 kN/m^2
    Enter depth in z
    -Stress: 2-1885135963818074-kN/m^2-
    Enter depth in z
    Stress: 4.781329614736756 kN/m^2
    Enter depth in z
    Stress:-7.0974399578803125-kN/m^2
    Enter depth in z
     Stress; 8.448465463972316 kN/m^2
    Enter depth in z
    Stress:— 8.871775810212231 k4/m^2
 Calculating the stress by Boussineq's Theory
 int(input('Enter the value of given load :"))
 int(input("Enter the value of given load : "))
int(input("Enter the distance of vertical stress:"))
int(input("Enter the distance of vertical stress:"))
 maint(input("Enter the distance of vertical strove"))

Mess. "((3))

((3))

((3))

((3))

((3))
  hess "(1*0*(1/(1+(e/z)**2)) **2.5))/(2*3.14*(z**2))
 Pin('The Value of stress is', stress)
 Inter the value of given load :2500 inter the distance of vertical stress :6
    the distance of vertical stress:

The value of stress is 8.876275703713446
```