```
from scipy import stats as s

x=float(input("Enter the probability density"))
dof=int(input("Enter the value of degree of freedom:"))
T_dis=round(s.t.ppf((1-x),dof),5) # calculating t distribution
print("value of T-distribution is:", T_dis)
T_dis0= round(s.t.cdf(T_dis,dof),5) # initial value
print("value for which we define T-distribution is:", 1-T_dis0)
```

```
Enter the probability density0.45
Enter the value of degree of freedom:3
value of T-distribution is: 0.1366
value for which we define T-distribution is: 0.44999999999999996
```

The shortcut "Print notebook" is disabled when a code cell output iframe is active. Use the escape key to leave the iframe and enter the shortcut again.