```
HeatConduction
#Tin 0
# Text 0
# Xmin
# Xmax
# Tend
# D
# dx
# dt
# n
# s
# r
# u nplus1
# u_n
# u nminus1
+ HeatConduction()
+ solve()
+ get u n()
  ImplicitMethod
# m
# a
# b
# c
# d
+ ImplicitMethod()
+ solve()
+ ThomasAlgorith()
  CrankNicholson
+ CrankNicholson()
+ solve()
```