```
a = 2; l = 2π; c = 5; b = 2; h = 5;
f[x_] := Piecewise[{{h / (l - b) (x + l), -l ≤ x ≤ -b},
   {h, -b ≤ x ≤ b}, {h / (l - b) (l - x), b ≤ x ≤ l}}]
g[x_] := Exp[-x^2]


eqncond = {∂t,t u[t, x] == a^2 ∂x,x u[t, x], u[0, x] == f[x],
   Derivative[1, 0][u][0, x] == g[x]};

sol = DSolve[eqncond, u, {t, x}] // Flatten
```