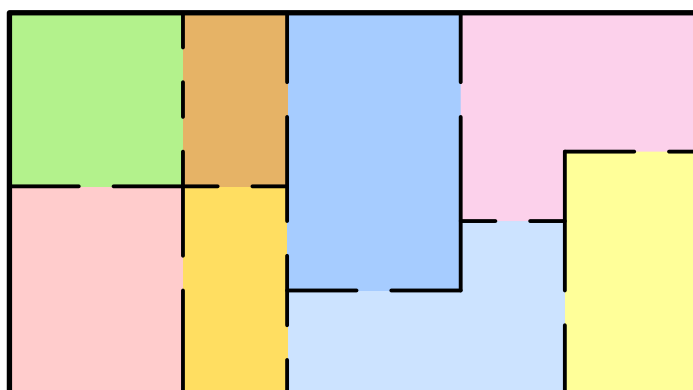
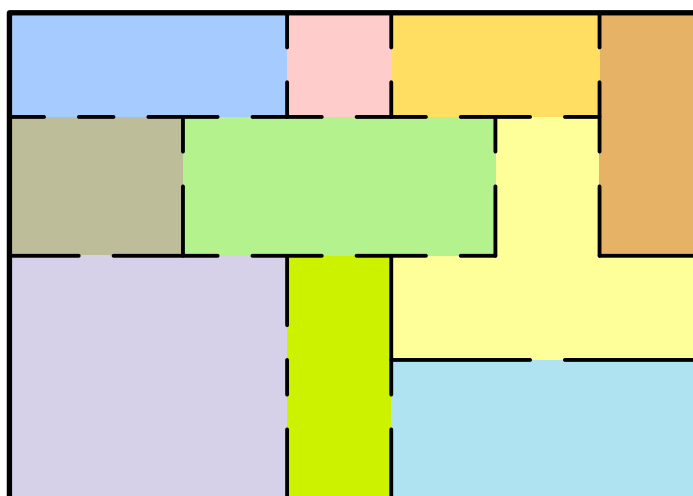


Plan 1



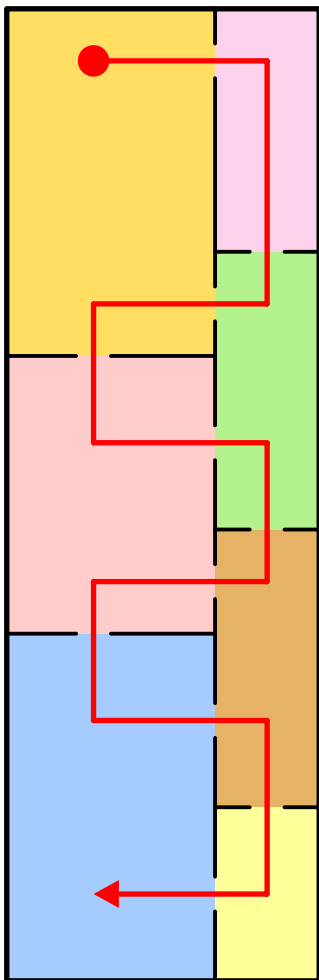
Plan 2



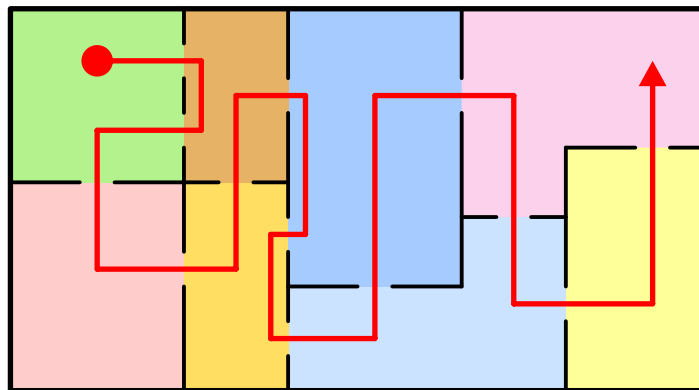
Plan 3

Sandy's grandmother lives in an old one-storey house. There are many connecting doors between the rooms. One day, Sandy wanted to find a route that would take her through each door exactly once. Help Sandy find a route.

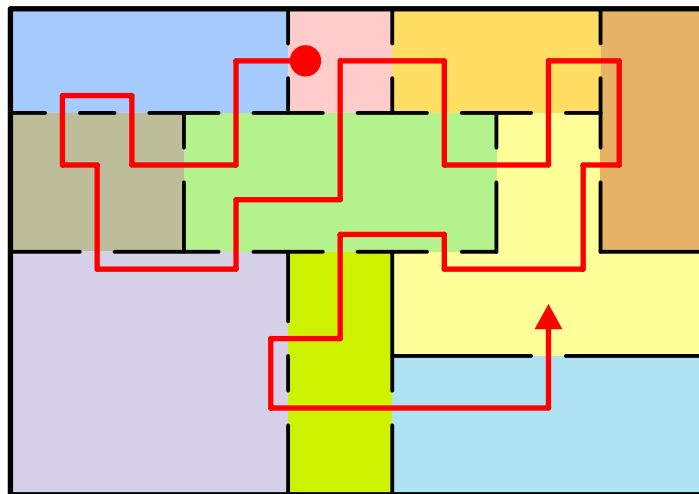
The illustration shows three different houses' plans as three separate challenges.



Plan 1



Plan 2



Plan 3

If you pass through a room, you use up exactly two doors. If a room has an odd number of doors, you must either begin in that room or end in that room. Once you know this, you can find many solutions. One of such solutions for each house is shown in the respective illustration.