~~iii) map (map h) xs = [[1,2],[3,4]]~~

~~impossible as map ~~requires a~~ returns a list, so map h, presuming h is a tuple of a function and a list (else it will error, due to wrong arguments), a list will be returned, so the outer call of map is passed a tuple~~ ← got map & map' the wrong way round

iii) map (map h) xs = [[1,2],[3,4]]

~~fun [illegible]~~ fun h x = x+1;

~~xs fun h x = x::x+1::[]~~ xs = [[0,1],[2,3]] ← ~~tested~~ (tested in ML to find solution)

iv) map map' ys = [[1,2],[3,4]]

impossible as map' needs to be passed a tuple consisting of a function and a list and no tuple is passed to it.

v) map map zs = [[1,2],[3,4]]

The inner call of map isn't given a function, so it cannot return a function ~~&~~ to be passed to ~~a~~ the outer call of map, so the outer call of map doesn't get arguments of the expected type passed to it.

~~[illegible]~~