Lambda Calculus and Combinatory Logic		WS 2017/18
Exercise sheet 12	due 26.1.	T. Piecha
Exercise 1 (10 points)		
For each of the following terms pr	ovide a principal type or a principal pa	ir, if possible:
(a) $\lambda xy.xyy$		(1 point)
(b) SII		(2 points)
(c) $\lambda xz.z(\lambda y.xy)$		(2 points)

(e)  $\lambda z.z(\lambda y.z)$  (1 point)

(f)  $\lambda xy.y(\lambda z.z(yx))$  (2 points)

(2 points)

Remark: You may use an algorithm,  $\lambda \rightarrow$  or any other means.

(d)  $\lambda z.z(\lambda y.zy)$