

perfect()		
equivalence class	boundary value	valid return
a < 1		0 throws IllegalArgumentException
a = 1		1 false (1 is not perfect)
perfect numbers		6 true (6 is perfect)
non-perfect numbers		7 false (7 is not perfect)
getFactors()		
equivalence class	boundary value	valid return
a > 1		2 [1]
a = 1		1 [] (empty list)
a = 0		0 [] (empty list)
a < 0		-1 throws IllegalArgumentException
(value with several factors)	(sample value): 12	[1,2,3,4,6]
factors()		
equivalence class	boundary value	valid return
a = 0, b < 1	0, 0	throws IllegalArgumentException
a < 0, b = 1	-1, 1	throws IllegalArgumentException
a = 0, b = 1	0, 1	true (1 is factor of 0)
a < 0, b < 1	-1, 1	throws IllegalArgumentException
a > 0, b > 1	4, 2	true (4 is factor for 2)