Parameter	Value	Description
n	5	number of students
q	$\frac{1}{5}$	not a swimmer
p	$\frac{4}{5}$	swimmer
k	4	number of swimmers
X_i	$\{0, 1, 2, 3, 4, 5\}$	student who can swim
Y	$\sum_{i=0}^{5} X_i$	five students considered