

# Assignment 1

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```
k <- 0:8
probmis <- ppois(q=k,lambda = 2, lower.tail = FALSE)
probmis

## [1] 0.8646647168 0.5939941503 0.3233235838 0.1428765395 0.0526530173
## [6] 0.0165636085 0.0045338055 0.0010967190 0.0002374473

library(knitr)
table=data.frame(matrix(ncol = 9,nrow = 50))
colnames(table) <- c("misprint0","misprint1","misprint2","misprint3","misprint4","misprint5","misprint6",
for (pgs in 1:50) {
  table[pgs, ]=rbinom(pgs, 50, prob = probmis, lower.tail = FALSE)
}
kable(table)
```

misprint0	misprint1	misprint2	misprint3	misprint4	misprint5	misprint6	misprint7	misprint8
1.0000000	1.0000000	0.9999999	0.9958095	0.7471706	0.2008398	0.0218035	0.0014227	6.85e-05
1.0000000	1.0000000	0.9999990	0.9805289	0.4939971	0.0500864	0.0015577	0.0000249	3.00e-07
1.0000000	1.0000000	0.9999919	0.9397742	0.2688572	0.0094612	0.0000824	0.0000003	0.00e+00
1.0000000	1.0000000	0.9999523	0.8599502	0.1218277	0.0014214	0.0000034	0.0000000	0.00e+00
1.0000000	1.0000000	0.9997779	0.7375341	0.0466470	0.0001757	0.0000001	0.0000000	0.00e+00
1.0000000	1.0000000	0.9991531	0.5844897	0.0153082	0.0000183	0.0000000	0.0000000	0.00e+00
1.0000000	1.0000000	0.9972767	0.4241321	0.0043598	0.0000016	0.0000000	0.0000000	0.00e+00
1.0000000	1.0000000	0.9924574	0.2804557	0.0010891	0.0000001	0.0000000	0.0000000	0.00e+00
1.0000000	1.0000000	0.9817115	0.1686896	0.0002408	0.0000000	0.0000000	0.0000000	0.00e+00
1.0000000	1.0000000	0.9606601	0.0923041	0.0000475	0.0000000	0.0000000	0.0000000	0.00e+00
1.0000000	0.9999999	0.9240833	0.0460024	0.0000084	0.0000000	0.0000000	0.0000000	0.00e+00
1.0000000	0.9999996	0.8672836	0.0209184	0.0000013	0.0000000	0.0000000	0.0000000	0.00e+00
1.0000000	0.9999983	0.7879527	0.0086961	0.0000002	0.0000000	0.0000000	0.0000000	0.00e+00
1.0000000	0.9999931	0.6877748	0.0033116	0.0000000	0.0000000	0.0000000	0.0000000	0.00e+00
1.0000000	0.9999750	0.5728960	0.0011574	0.0000000	0.0000000	0.0000000	0.0000000	0.00e+00
1.0000000	0.9999171	0.4528233	0.0003719	0.0000000	0.0000000	0.0000000	0.0000000	0.00e+00
1.0000000	0.9997476	0.3380792	0.0001101	0.0000000	0.0000000	0.0000000	0.0000000	0.00e+00
1.0000000	0.9992929	0.2375648	0.0000300	0.0000000	0.0000000	0.0000000	0.0000000	0.00e+00
1.0000000	0.9981727	0.1566773	0.0000076	0.0000000	0.0000000	0.0000000	0.0000000	0.00e+00
1.0000000	0.9956323	0.0967715	0.0000018	0.0000000	0.0000000	0.0000000	0.0000000	0.00e+00
1.0000000	0.9903228	0.0558806	0.0000004	0.0000000	0.0000000	0.0000000	0.0000000	0.00e+00
1.0000000	0.9800833	0.0301257	0.0000001	0.0000000	0.0000000	0.0000000	0.0000000	0.00e+00
1.0000000	0.9618460	0.0151445	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.00e+00
1.0000000	0.9318294	0.0070916	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.00e+00
1.0000000	0.8861579	0.0030899	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.00e+00
1.0000000	0.8219096	0.0012514	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.00e+00
1.0000000	0.7383572	0.0004705	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.00e+00
0.9999999	0.6379469	0.0001641	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.00e+00
0.9999993	0.5265038	0.0000530	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.00e+00
0.9999967	0.4123735	0.0000158	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.00e+00
0.9999862	0.3046478	0.0000044	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.00e+00

misprint0	misprint1	misprint2	misprint3	misprint4	misprint5	misprint6	misprint7	misprint8
0.9999463	0.2110700	0.0000011	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.00e+00
0.9998072	0.1363940	0.0000003	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.00e+00
0.9993629	0.0817678	0.0000001	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.00e+00
0.9980652	0.0452333	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.00e+00
0.9946105	0.0229622	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.00e+00
0.9862590	0.0106335	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.00e+00
0.9680047	0.0044629	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.00e+00
0.9321194	0.0016852	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.00e+00
0.8690692	0.0005676	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.00e+00
0.7708176	0.0001688	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.00e+00
0.6363030	0.0000438	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.00e+00
0.4764107	0.0000097	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.00e+00
0.3138896	0.0000018	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.00e+00
0.1754421	0.0000003	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.00e+00
0.0792955	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.00e+00
0.0270158	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.00e+00
0.0061397	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.00e+00
0.0006956	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.00e+00
0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.00e+00

```
knitr::include_graphics("bookkkkkk.png")
```

