# Question 1

* 20000 tuples
* 600 data pages
* Prefix: 20 bytes
* Full: 30 bytes
* 200 different types
* 50 producers
* Rid has 10 bytes
* Pointer has 6 bytes
* Leaf pages are filled about 70%
* Index page has 4000 Bytes

1. We have possible different values. Then as its uniformly distributed we have 10000 data entries

The number of rids per data entry is

The average length of a data entry is

1. The average number of data entry per intermediate page Is Average nb of data entry per page is

Number of leaf pages is