por an x 86 architecture

Let's say we have a database with 8,973 entries. Each contains:

- Name: char array Up to 50 characters > 56 bytes
- Department: char array Up to 12 characters → 16 59+6
- Section: char array Up to 8 characters -> 8 65%
- Additional: char array Up to 50 characters -> 56 5>1-cr
- GPA: double -> 8 byk
- ID: Unsigned integer -> 4

Determine the amount of memory consumed storing these entries on a Disk with block of 512 bytes using both segmentation and paging. Draw the layout of the first three blocks for each.

Segmentation										
PRI	R7	123	Seg	RI	122	13	Seg	121 N.	2 173	Seg
152	152	(T L	56	152	152	152	56	117 137	152	36
Total Blocks = 2991 => 2991 × 512 = [1,531,392 bytes]										
Pagins										
RI	12	123	N4-1	1	RS			12-2	RS	RY NO
152	157	152	56	96	152	152	112	40	Isz	152 152 A
Ru										Alla
3973×132 = 1,363,896 64tes										16