

HO CHI MINH UNIVERSITY OF TECHNOLOGY
FACULTY OF COMPUTER SCIENCE AND ENGINEERING



OPERATING SYSTEM LAB (CO2018)

LAB 9 : PAGING

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HO CHI MINH CITY, June 2020



Exercise

- Virtual Address: 12 bit

- Page size: 256 byte

⇒ Number of pages : $\frac{2^{12}}{256} = 16$

Convert virtual address to physical address:

Virtual address	Page number	Page frame	Offset	Physical address
9EF	9	0	0xEF	0EF
111	1	2	0x11	211
700	7	D	0x00	D00
0FF	0	E	0xFF	EFF