

**Shubhan Singh**

**SE-Comps B/Batch C**

**2022300118**

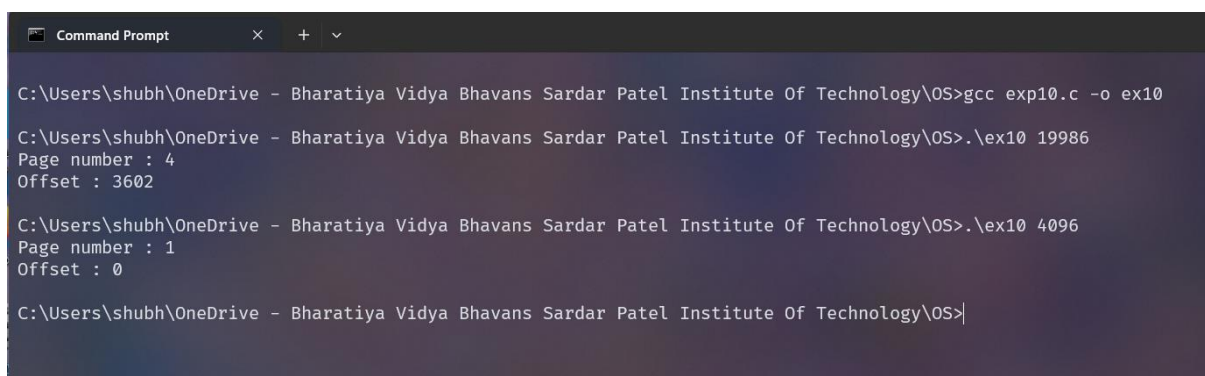
## OS Experiment 9: Paging

(All source code files are submitted on moodle)

**Problem statement:** Assume that a system has a 32-bit virtual address with a 4-KB page size. Write a C program that is passed a virtual address (in decimal) on the command line and have it output the page number and offset for the given address

**Files used:** *exp10.c*

**Output:**



```
Command Prompt
C:\Users\shubh\OneDrive - Bharatiya Vidya Bhavans Sardar Patel Institute Of Technology\OS>gcc exp10.c -o ex10
C:\Users\shubh\OneDrive - Bharatiya Vidya Bhavans Sardar Patel Institute Of Technology\OS>.\ex10 19986
Page number : 4
Offset : 3602
C:\Users\shubh\OneDrive - Bharatiya Vidya Bhavans Sardar Patel Institute Of Technology\OS>.\ex10 4096
Page number : 1
Offset : 0
C:\Users\shubh\OneDrive - Bharatiya Vidya Bhavans Sardar Patel Institute Of Technology\OS>
```