Lab 4.1

Follows the steps for creating the kernel and the bootable hard **hd.img** file in directory **MK/paging**

Use the tutorial in http://www.jamesmolloy.co.uk/tutorial_html/ to understand the main and the functions of this minimal kernel.

- Change the file **main.c** to verify which the first address that produces a page fault is.
  Hint: Increment ptr , starting from 0, of the page dimension (take care of the pointer arithmetic).
  Use the functions **monitor_write**, **monitor_write_dec**, **monitor_write_hex** to print lines such as:
  ```
  Normal access at address 0x0 at page 0
  Normal access at address 0x1000 at page 1
  .. .. .. .. .. ..
  ```

Take note of the **number of pages** that your kernel has allocated.
Why you get that number?