Lab 4.2

Write another file main1.c that modifies the previous one
Writes the page number, multiplied by 3, on the first address of each page
Prints the content of the content of the first address of all mapped pages (the number information is the one derived from previous main). Ex.:

```
prt 0x0 (page 0) contains 0
prt 0x1000 (page 1) contains 3
prt 0x2000 (page 2) contains 6
```

Debug this kernel, modifying entry 5 of the page table to be not present. Breakpoint at function page_fault to follow what checks it performs, and what it prints.

In ddd command window, you can see the content of variables using command:

- p var
- x/format &var (or x/x 0xabcd for an address) where the format can be [number] x for hexadecimal, c for characters etc.
- · you can select the variable and have it shown in the data window.

You can modify the content of a variable in ddd using

- p var=newvalue
- you can select a variable shown in the data window, and modify its value

Produce a report that illustrates the data structure of the directory page table and page table, and the values of a few entries in that tables.

Use figures and tables to make your report easily readable.