EI338 OS Project Report1

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1 Assignment1

With the **Proc File System**, this assignment is easy to accomplish. Simply add the following code to function **proc_read**.

```
rv = sprintf(buffer, "curent value of jiffies %lu\n", jiffies);

/*copies kernel space buffer to user space usr_buf */
raw_copy_to_user(usr_buf, buffer, rv);
```

2 Assignment2

We just calculate the curent time using the following foluma

$$time = \frac{jiffies}{HZ}$$

then add the code in the **proc_read**

```
long unsigned int t = jiffies / HZ;
rv = sprintf(buffer, "times elapsed: %lus\n", t);

/*copies kernel space buffer to user space usr_buf */
raw_copy_to_user(usr_buf, buffer, rv);
```