



The screenshot shows a terminal window with a dark background. The title bar at the top reads "mca@localhost:~" and has a close button on the right. Below the title bar is a menu bar with the options "File", "Edit", "View", "Search", "Terminal", and "Help". The terminal content shows a bash script being executed. The script starts with a shebang line "#!/bin/bash", followed by an echo statement "echo 'even numbers upto 10 are:'". Then there is a for loop "for ((i=0; i<=10; i++))" with a "do" block containing an if statement "if ((\$i%2==0));" and a "then" block with an echo statement "echo \$i". The loop ends with a "done" statement. The prompt "f1" is visible on the line following "done". At the bottom of the terminal, the status bar shows the filename "even.sh", the cursor position "16L, 113C", the line and column numbers "9,2", and the search status "All".

```
#!/bin/bash
echo "even numbers upto 10 are:"
for ((i=0; i<=10; i++))
do
    if (($i%2==0));
    then
        echo $i
    fi
done
```

even.sh 16L, 113C 9,2 All

```
mca@localhost:~  
File Edit View Search Terminal Help  
[mca@localhost ~]$ chmod +x even.sh  
[mca@localhost ~]$ ./even.sh  
even numbers upto 10 are:  
i+2  
./even.sh: line 4: ((: i+2: expression recursion level exceeded (error token is  
"i+2")  
[mca@localhost ~]$ vi even.sh  
[mca@localhost ~]$ chmod +x even.sh  
[mca@localhost ~]$ ./even.sh  
even numbers upto 10 are:  
i+2  
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"i+2")  
[mca@localhost ~]$ vi even.sh  
[mca@localhost ~]$ chmod +x even.sh  
[mca@localhost ~]$ ./even.sh  
even numbers upto 10 are:  
0  
2  
4  
6  
8  
10  
[mca@localhost ~]$ vi even.sh
```