

```

#include "type.h"

/*
Recursively traverses up parent directories (..)
Prints name
Stops at root
Base Case: Parent = current inode (root)
*/

int my_pwd()
{
    char path[128] = "";
    char temp[128] = "";
    char name[64] = "";
    int ino, parent_ino;
    MINODE *mip = running->cwd;

    //check if root
    if(mip == root)//check to see if we are in root
    {
        printf("/\n");
        strcpy(teststr, "/");
        return;
    }

    while(mip != root)// while we are not in the root
    {
        findino(mip, &ino, &parent_ino);//find the parent inode
        mip = iget(dev, parent_ino);//get the memory inode of parent
        findmyname(mip, ino, name);//find the name of the parent inode

        //use string commands to create the path by cat-ing onto the end of
it the names that are found
        strcpy(temp, path);
        strcpy(path, "");
        strcat(path, "/");
        strcat(path, name);
        strcat(path, temp);
    }
    printf("%s\n", path);

    return 1;
}

```