Program using System calls of UNIX OS (close, stat, opendir, readdir, closedir)

Program:

```
#include <stdio.h>
#include <stdlib.h>
#include <dirent.h>
#include <sys/stat.h>
struct dirent *dptr;

int main (int argc, char *argv[]){
    char buff[100];
    struct stat stats;
    DIR *dirp;
    printf("Enter the directory name : ");
    scanf("%s", buff);

    if((dirp=opendir(buff)) == NULL){
    printf("The given directory doesnot exist \n");
    exit(1);
    }
    while(dptr = readdir(dirp)){
    printf("%s\n", dptr->d_name);
    }
closedir(dirp);
}
```

OUTPUT: