

Q. Program to write into a pipe

```
#include<stdio.h>
#include<stdlib.h>
#include<unistd.h>
#include<string.h>
int main()
{
    FILE *rd;
    char buffer[50];
    sprintf(buffer,"name first");
    rd=popen("wc -c","w"); // wc -c -> is the process which counts the number of characters
                           //passed. 2nd parameter is "w" which means pipe is opened in
writing
                           //mode
    fwrite(buffer,sizeof(char),strlen(buffer),rd); // to write the data into the pipe
    pclose(rd);
}
```

Q. Program to read from a pipe

```
#include<stdio.h>
#include<stdlib.h>
#include<unistd.h>
#include<string.h>
int main()
{
    FILE *rd;
    char buffer[50];
    rd=popen("ls","r");
    fread(buffer, 1, 50, rd);
    printf("%s\n", buffer);
    pclose(rd);
}
```