CODE

```c
#include<stdio.h>
#include<stdlib.h>
#include<unistd.h>
#include<fcntl.h>
#include<sys/stat.h>
#define MAX_BUF 1024
int main()
{
int fd,c=0;
 char *fifo1="fifo1";
 char *fifo2="fifo2";
 int fd1;
 int words=1,lines=1,chars=0;
 char buf1[MAX_BUF];
 mkfifo(fifo1,0666);
 fd=open(fifo1,O_RDWR);
 char str;
 printf("\nEnter the String:");
 while ((str=getchar())!='#')
 buf1[c++]=str;
 buf1[c]='\0';
 write(fd,buf1,sizeof(buf1));
 close(fd);
 unlink(fifo1);
 fd1=open(fifo2,O_RDWR);
 read(fd1,buf1,sizeof(buf1));
 printf("\nThe contents of file are %s\n",buf1);
 int i=0;
 while(buf1[i]!='\0')
 {
 if(buf1[i]==' '||buf1[i]=='\n')
 {words++;}
 else
 {chars++;}
 if(buf1[i]=='\n')
 { lines++;}
 i++;
 }
 printf("\n No of Words: %d",words);
```

```
printf("\n No of Characters: %d",chars);
printf("\n No of Lines: %d",lines);
printf("\n");
close(fd1);
return 0;
}
```

OUTPUT

```
Enter the string:        Hello World#

Contents of the file: Hello World

 Words:          2
 Characters:     10
 Lines:          1
```