

EX-5B: **PROGRAM:**

```
#include<stdio.h>
#include<string.h>
#include<ctype.h>
int main()
{
    char
read[100],*token,*temp,*temp1,*temp2;
    FILE *fp;
    fp=fopen("input.txt","r");
    while(fgets(read,100,fp) !=NULL)
    {
        token=strtok(read,"=");
        temp=strtok(NULL,"=");
        if(strstr(temp,"**"))
        {

temp=strtok(temp,"**");

temp1=strtok(NULL,"**");

temp2=strtok(temp1,";");

if(!strcmp(temp1,"2"))
        {

printf("%s=%s*%s;\n",token,temp,
temp);
                }
            else
            {

printf("%s=%s**%s;\n",token,tem
p,temp2);
                }
            }
        else
        {

printf("%s=%s",token,temp);
                }
            }
        fclose(fp);
        return 0;
    }
```

INPUT.TXT:

```
v=v**2;
s=n;
h=h**2;
v=i;
```

OUTPUT:

Z:\Computation\programs\EX-5B>gcc
Ex5b.c

Z:\Computation\programs\EX-5B>a.exe
v=v*v;
s=n;
h=h*h;
v=i;