


```

                                break;
case '*':
    interrslt=(s[2]-48)*(s[4]-48);
    break;
case '/':
    interrslt=(s[2]-48)/(s[4]-48);
    break;
default:
    interrslt = 0;
    break; }
fprintf(fp2,"/*Constant Folding*\n");
fprintf(fp2,"%c = %lf\n",result,interrslt);
flag2 = 0;
    }
} else {
    fprintf(fp2,"Not Optimized\n");
    fprintf(fp2,"%s\n",s);
}
} else {
    fprintf(fp2,"%s\n",s);
}
fscanf(fp1,"%s",s);
}
fclose(fp1);
fclose(fp2);
}

```

OUTPUT:

```

[root@localhost-live 518_ex9]# vi input.txt
[root@localhost-live 518_ex9]# vi 518_ex9.c
[root@localhost-live 518_ex9]# cc 518_ex9.c
[root@localhost-live 518_ex9]# ./a.out
[root@localhost-live 518_ex9]# vi output.txt

```

//output.txt

```

a=7
b=10
c=5
d=7

```

RESULT: