

DISCRETE MATH- ASSIGNMENT #1

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TRANSITIVE PROPERTY:

```
<!--javascript code-->

<input id="text1" type="text" placeholder="ENTER INPUT">
<br><br><button onClick=myFunction()>CHECK OUTPUT</button> <script>
  function myFunction() {
    var str = document.getElementById("text1").value;
    const myarr=str.split(",")
    const alphalist=[]
    if ((myarr[0]=="a" && myarr[1]=="b") || (myarr[0]=="b" &&
myarr[1]=="c") || (myarr[0]=="a" && myarr[1]=="c")){ for(let i=0;
    i<myarr.length;i++) { for(let j=0;j<myarr.length;j++) {
alphalist.push("(" +myarr[i]+","+myarr[j]+")"); }
    }
    alert(alphalist);}
  }
</script>

</div>
</div>
</body>
```

OUTPUT:

This page says

(b,b),(b,c),(c,b),(c,c)

OK

GIVE TWO VALUES AS AN INPUT:

b,c

CHECK OUTPUT