

DISCRETE MATH- ASSIGNMENT #1

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TRANSITIVE PROPERTY:

Code:

```
<body>

  <div class="hero-image">
    <div class="hero-text">
      <h1 style="font-size:50px"> GIVE TWO VALUES AS AN INPUT:</h1>

<!--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>
</html>
```

OUTPUT:

