

```

a = prompt("entera numbers : ").split(" ").map(Number)
c=0
b=6
for( i = 0 ; i < a.length;i++)
{
    for( j=i+1 ;j < a.length; j++)
    {
        if(a[i]+a[j] == b)
        {
            console.log(a[i],a[j])
            c++
        }
    }
}

a = prompt("entera numbers : ").split(" ").map(Number)//[10,10,20,30,20,20]
e=[]
for(i=0;i < a.length;i++)
{
    if(!e.includes(a[i]))
    {
        e.push(a[i])
    }
}
sum = 0
for(j of e)
{
    c=0
    for( i of a)
    {
        if(i == j)
        {
            c++
        }
    }
    p = Math.floor(c/2)
    sum = sum +p
}
console.log("2 pairs detected in the give array ")

```

o/p:

```

entera numbers : 2 4 6 5 1
2 4
5 1
entera numbers : 10 10 20 30 20 20
2 pairs detected in the given array

```