

```

public static Set setDifference(Set set1, Set set2){
    if(set1==null || set2==null) {throw new NullPointerException();}
    if(set1.isEmpty()==false){
        set1.removeAll(set2);
        if(set1.isEmpty()) {
            return null;
        }
        return set1;
    }
    return null;
}

```

1. Interface based domain

set1 – isNotNull /C1
 set1 – isEmpty /C2
 set2 – isNotNull /C3
 set2 – isEmpty /C4

- junit тестови според BCC критериумот:

TTTT – BCC
 TTTF
 TTFT (TTFF)
 FFTT
 FTTT (FFFF)

2. Functionality based domain

Method	Returns	Exception	Characteristics	Ch Id	Partition
setDifference	Set,null	NullPointerException	Returns non-null Set	C5	T,F
setDifference	Set,null	NullPointerException	set1 & set2 are equivalent	C6	T,F

setDifference	Set,null	NullPointerException	Set1 & set2 have same length	C7	T,F
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TFF - **BCC**

FFF

FTF

FFT (TFT)