**44643 Mobile Computing-iOS**

**Sets01**

//Sets are unordered collection of data.

//You can print the values in any order.

1. Answer the below questions.

var players : Set<String> = ["David Warner", "Virat Kohli", "Kane Williamson", "Steve Smith"]

1. print(players.count)
2. print(players)
3. print(players.contains("Steve Smith"))
4. players.insert("Maxwell")

print(players)

1. players.remove("David Warner")

print(players)

1. var primeNumbers : Set<Int> = [2,3,5,7,11]

var numbersList : Set<Int> = [1,2,5,9]

1. var unionSet : Set<Int> = primeNumbers.union(numbersList)

print(unionSet)

1. var intersectionSet : Set<Int> = primeNumbers.intersection(numbersList)

print(intersectionSet)

1. var subtractionSet : Set<Int> = primeNumbers.subtracting(numbersList)

print(subtractionSet)

1. var symmDiffSet :Set<Int> = primeNumbers.symmetricDifference(numbersList)

print(symmDiffSet)

1. print(primeNumbers.isSubset(of: numbersList))