**Code for Sum of Subset:**

class Main {

static boolean isSubsetSum(int set[], int n, int sum)

{

if (sum == 0)

return true;

if (n == 0 && sum != 0)

return false;

if (set[n - 1] > sum)

return isSubsetSum(set, n - 1, sum);

return isSubsetSum(set, n - 1, sum) || isSubsetSum(set, n - 1, sum - set[n - 1]);

}

public static void main(String args[])

{

int set[] = { 3, 34, 4, 12, 5, 2 };

int sum = 9;

int n = set.length;

System.out.println("Elements in the set ");

for(int ele : set){

System.out.print(" " + ele);

}

System.out.println("\n\nTarget element is "+ sum);

if (isSubsetSum(set, n, sum) == true)

System.out.println("Found a subset"

+ " with given sum");

else

System.out.println("No subset with" + " given sum");

}

}

**Output:**

