**package** com.sachin.java.core;

**public** **class** ReverseWord {

**public** **static** **void** main(String[] args) {

String reversedStr = *reverse*("Today is Thursday");

System.***out***.printf("Reverse of the string '%s' is '%s': ","Today is Thursday",reversedStr);

}

**private** **static** String reverse(String string) {

**if**(string ==**null** || string.isEmpty()) {

**return** string;

}

StringBuilder reversedStr =**new** StringBuilder();

String [] strArr = string.split(" ");

**for**(String str :strArr) {

reversedStr.append(*reverseWord*(str)).append(" ");

}

**return** reversedStr.toString();

}

**private** **static** String reverseWord(String str) {

**int** i=0;

**char**[] charArr = str.toCharArray();

**int** j = charArr.length-1;

**while**(i<j) {

**char** temp = charArr[i];

charArr[i] = charArr[j];

charArr[j] = temp;

i++;

j--;

}

**return** **new** String(charArr);

}

}