**public** **class** HayStack {

**public** **static** **int** findNeedle(String[] arrHayStack)

{

**int** index = 0;

**for**(**int** i = 0; i<=arrHayStack.length; i++)

{

**if**(arrHayStack[i].equals("needle"))

{

index = i;

**return** index;

}

}

**return** index;

}

**public** **static** String[] modifyHayStack(String[] array)

{

String [] newArray = **new** String [array.length];

**for**(**int** i = 0; i<array.length; i++)

{

**if**(array[i].equals("needle"))

{

array[i]= "found";

}

**else**

{

array[i] = "Hay";

}

}

**return** array;

}

}

**import** java.util.Arrays;

**public** **class** TestHayStack {

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

String [] arrHayStack ={"hay","needle","hay","hay","hay"};

**int** number = HayStack.*findNeedle*(arrHayStack);

System.***out***.println("Needle is in arrHayStack["+number+"]");

System.***out***.println(Arrays.*toString*(arrHayStack));

String [] newArrHayStack = HayStack.*modifyHayStack*(arrHayStack);

System.***out***.println(Arrays.*toString*(newArrHayStack));

}

}

