**package** BankMid;

**public class** BruteForcePatternMatching {

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

String text = **"abcdcfgm"**;

String pattern = **"cdg"**;

**boolean** matchOr = **false**;

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

{

matchOr = *matchingCheck*(text,pattern,i,0,pattern.length(),pattern.length());

**if** (matchOr==**true**)

{

System.***out***.println(**"Pattern match: "**+pattern+**", at the starting index: "**+i);

}

}

}

**public static boolean** matchingCheck(String text, String pattern, **int** IndexText,**int** indexPattern,**int** patternLength,**int** check)

{

**boolean** matchOrNot = **false**;

**int** count = 0;

**while** (patternLength>0)

{

patternLength = patternLength -1;

**if** (text.charAt(IndexText)==pattern.charAt(indexPattern))

{

indexPattern = indexPattern + 1;

IndexText = IndexText + 1;

count = count + 1;

}

}

**if** (patternLength ==0 && count ==check)

{

matchOrNot = **true**;

}**else**

{

matchOrNot = **false**;

}

**return** matchOrNot;

}

}