1.Write a Java program to find maximum repeated words from a file.

**Code: (Main.java)**

import java.io.BufferedReader;

import java.io.FileReader;

import java.io.IOException;

import java.util.HashMap;

import java.util.Map.Entry;

import java.util.Set;

public class Main

{

public static void main(String[] args)

{

HashMap<String, Integer> wordCountMap = new HashMap<String, Integer>();

BufferedReader reader = null;

try

{

reader = new BufferedReader(new FileReader("data.txt"));

String currentLine = reader.readLine();

while (currentLine != null)

{

String[] words = currentLine.toLowerCase().split(" ");

for (String word : words)

{

if(wordCountMap.containsKey(word))

{

wordCountMap.put(word, wordCountMap.get(word)+1);

}

else

{

wordCountMap.put(word, 1);

}

}

currentLine = reader.readLine();

}

String mostRepeatedWord = null;

int count = 0;

Set<Entry<String, Integer>> entrySet = wordCountMap.entrySet();

for (Entry<String, Integer> entry : entrySet)

{

if(entry.getValue() > count)

{

mostRepeatedWord = entry.getKey();

count = entry.getValue();

}

}

System.out.println("The most repeated word in input file is : "+mostRepeatedWord);

}

catch (IOException e)

{

e.printStackTrace();

}

finally

{

try

{

reader.close();

}

catch (IOException e)

{

e.printStackTrace();

}

}

}

}

**data.txt**

A computer program is a collection of instructions that performs specific task when executed by a computer.

Computer requires programs to function.

Computer program is usually written by a computer programmer in programming language.

A collection of computer programs, libraries, and related data are referred to as software.

Computer programs may be categorized along functional lines, such as application software and system software.

**Output:**

