Question 1:

```java
public class fileassign {

    public static void main(String[] args) {

        try{

        File file=new File("Rahul.txt");

        File file2=new File("Assign.txt");

        FileReader fr=new FileReader(file);

        boolean read=true;

        String sr=" ";

        while(read==true) {

        int m= fr.read();

        if(m==-1){

        read=false;

        break;

        }

        char ch=(char)m;

        sr=sr+ch;

        }

        System.out.println(sr);

        fr.close();

        FileWriter write=new FileWriter(file2);

        write.append(sr);

        write.close();

        }

        catch(Exception e) {

        e.printStackTrace();


    }

        }
```

```
    }
```

Question 2:

```java
import java.util.ArrayList;

import java.util.HashMap;

import java.util.List;

import java.util.Map;

import java.util.Map.Entry;



public class mapsort {

    public static void main(String[] args) {

        Map<String,Integer> map =new HashMap<>();

        map.put("Rahul",05);

        map.put("Gandhimathi",10);

        map.put("Vijay",78);

        map.put("Guna",45);

        map.put("Santhosh",56);

        map.forEach((k,v)->System.out.println(k+ " " +v));

        List<Entry<String,Integer>> list =new ArrayList<>(map.entryset());

        list.sort(Entry.comparingByvalue());

        list.forEach(System.out::println);


    }


}
```

Question 3:

```java
import java.util.Scanner;



public class characterrecur {
```

```java
        static final int ASCII_SIZE = 256;

        private static void findMaxreccuringchar(String s){

        int count[] = new int[ASCII_SIZE];

        int len = s.length();

        for (int i=0; i<len; i++)

        count[s.charAt(i)]++;

        int max =-1;

        char result =' ';

        for (int i = 0; i < len; i++) {

        if (max < count[s.charAt(i)]) {

        max = count[s.charAt(i)];

        result = s.charAt(i);

        }

        }

        System.out.println(result);}

        public static void main(String[] args) {

        System.out.println("eneter a string");

        Scanner sc=new Scanner(System.in);

        String S=sc.nextLine();

        findMaxreccuringchar(s);

        }


}
```

Question 4:

```java
import java.util.Scanner;
```

```java
public class factorial {

    public static void main(String[] args) {

        Scanner sc=new Scanner(System.in);

        int i=sc.nextInt();

        int ans=1;

        while(i>0){

            ans *=i;

            i--;

        }

        System.out.println(ans);




    }


}
```