Q2. Write a program that accept a string and check for following:

a. The string should have at least 3 characters.

b. The string should not have any special characters or digits except

alphabets.

If any of the condition does not matches appropriate error message

should be displayed.

Code

import java.util.\*;

public class Main {

public static void main(String[] args) {

Scanner sc=new Scanner(System.in);

String s=sc.nextLine();

if(s.length()<3){

System.out.println("Short");

}

char ch[]=s.toCharArray();

for(int i=0;i<ch.length;i++){

if(ch[i]>'a' && ch[i]<'z'){

}

else{

System.out.println("special characters or digits Contains");

break;

}

}

}

}

Q3. Write a program that accept a string and check for following:

a. The string should have only 5 characters.

b. The string should not have any special characters or alphabets

except digits.

If any of the condition does not matches appropriate error message

should be displayed.

Code

import java.util.\*;

public class Main {

public static void main(String[] args) {

Scanner sc=new Scanner(System.in);

String s=sc.nextLine();

if(s.length()<5){

System.out.println("Short");

}

char ch[]=s.toCharArray();

for(int i=0;i<ch.length;i++){

if(ch[i]>'a' && ch[i]<'z' || ch[i]<0||ch[i]>31){

}

else{

System.out.println("special characters Contains");

break;

}

}

}

}

4. Write a program that accepts a string and check for following:

a. The string should have at least 6 characters.

b. The string should not have any special characters except @.

If any of the condition does not matches appropriate error message

should be displayed.

Code

import java.util.\*;

public class Main {

public static void main(String[] args) {

Scanner sc=new Scanner(System.in);

String s=sc.nextLine();

if(s.length()<7){

System.out.println("Short");

}

char ch[]=s.toCharArray();

for(int i=0;i<ch.length;i++){

if(ch[i]>'a' && ch[i]<'z' || ch[i]=='@'){

}

else{

System.out.println("special characters Contains");

break;

}

}

}

}