CSA0985 -- PROGRAMMING IN JAVA

ASSISGNMENT - 1

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1)Write a java program to reverse word using loop?

class reverse

{

public static void main(String[] args)

{

String str="nani",nstr="";

char ch;

System.out.print("Original word: ");

System.out.println("nani");

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

{

ch=str.charAt(i);

nstr=ch+nstr;

}

System.out.println("Reverse word:"+nstr);

}

}

2)Write a java program to find enter is valid or not?

import java.util.regex.Pattern;

public class SimpleUserNameValidator {

public static void main(String[] args) {

String username = "Nani12";

String regexPattern = "^[a-zA-Z0-9]{5,15}$";

if (Pattern.matches(regexPattern, username)) {

System.out.println("Username is valid.");

} else {

System.out.println("Username is invalid.");

}

}

}

3)Wite a java program to reverse a number using loop?

class number

{

public static void main(String[] args)

{

int num = 1234, reversed = 0;

System.out.println("Original Number: " + num);

while(num != 0)

{

int digit = num % 10;

reversed = reversed \* 10 + digit;

num /= 10;

}

System.out.println("Reversed Number: " + reversed);

}

}

4)Write a java program

public class Voting

{

public static void main(String[] args)

{

int age=12, diff;

if(age>=18)

{

System.out.println("You are eligible for voting.");

}

else

{

diff = (18 - age);

System.out.println("Sorry,You can vote after: "+ diff + " years");

}

}

}