Task 9

1.Palindrom or Not

**package** com.task9;

**public** **class** Task\_1 {

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

**int** num = 121;

**int** rev = 0;

**int** temp = num;

**while**(num>0) {

**int** r =num%10;

rev=rev\*10+r;

num=num/10;

}

**if**(temp==rev) {

System.***out***.println("The number is palindrom");

}**else** {

System.***out***.println("The number is not palindrom");

}

}

}

2. Reverse String

**package** com.task9;

**public** **class** Task2ReverseString {

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

String a = "GUVILEARNING";

**for**(**int** i=a.length()-1; i>=0; i--){

System.***out***.print(a.charAt(i));

}

}

}

3.Number pattern

**package** com.task9;

**public** **class** Task\_3 {

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

**int** a = 5;

**int** count=1;

**for** (**int** i=1; i<=a; i++) {

**for** (**int** j=1; j<=i; j++) {

System.***out***.print(count+ " ");

count++;

}

System.***out***.println();

}

}

}

4.Star Pattern

**package** com.task9;

**public** **class** Task\_4Pattern {

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

**int** size = 5;

**for** (**int** i = 0; i < size; i++) {

**for** (**int** j = 0; j < size; j++) {

**if** (i==j || i+j==size-1) {

System.***out***.print("\*");

} **else** {

System.***out***.print(" ");

}

}

System.***out***.println();

}

}

}

5.Grading System

**package** com.task9;

**import** java.util.Scanner;

**public** **class** Task\_5 {

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

Scanner sc = **new** Scanner(System.***in***);

System.***out***.print("Enter Marks ");

**int** mark = sc.nextInt();

**if** (mark > 100){

System.***out***.print("Invalid Input");

}

**else** **if** (mark==100)

{

System.***out***.print("Grade S");

}

**else** **if**(mark >= 90 && mark<= 99)

{

System.***out***.print("Grade A");

}

**else** **if** (mark >= 80 && mark<= 89)

{

System.***out***.print("Grade B");

}

**else** **if**(mark>70 && mark <=79)

{

System.***out***.print("Grade C");

}**else** **if**(mark>60 && mark <=69)

{

System.***out***.print("Grade D");

}

**else** **if**(mark>50 && mark <=59)

{

System.***out***.print("Grade E");

}**else** **if**(mark<50)

{

System.***out***.print("Grade F");

}

}

}

7.Greatest Number

**package** com.task9;

**public** **class** Task\_7 {

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

**int** num1 = 200;

**int** num2 = 700;

**int** num3 = 400;

**if**(num1>num2 && num1>num3) {

System.***out***.println(num1 +"is greater");

}**else** **if**(num2>num1 && num2>num3) {

System.***out***.println(num2 +"is greater");

}**else** **if**(num3>num1 && num3>num2) {

System.***out***.println(num3 +"is greater");

}

}

}