1.

public class full\_Name\_CL\_Args {

public static void main(String[] args) {

System.out.println("Full name is : " + args[0] + " " + args[1]);

}

}

2.

import java.util.Scanner;

public class MidVal {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

System.out.println("Enter first number : ");

int a = sc.nextInt();

System.out.println("Enter second number : ");

int b = sc.nextInt();

System.out.println("Enter third number : ");

int c = sc.nextInt();

if ((a > b && a < c) || (a > c && a < b)) {

System.out.println("Middle Value is : " + a);

} else if ((b > a && b < c) || (b < a && b > c)) {

System.out.println("Middle value is : " + b);

} else {

System.out.println("Middle value is : " + c);

}

sc.close();

}

}

3.

import java.util.Scanner;

public class Grades {

public static void main(String args[]) {

Scanner sc = new Scanner(System.in);

System.out.println("Enter your marks out of 100 : ");

int marks = sc.nextInt();

if (marks > 70 && marks <= 100) {

System.out.println("Distinction");

}

else if (marks > 60 && marks <=70) {

System.out.println("First Class");

}

else if (marks > 50 && marks <=60) {

System.out.println("Second Class");

}

else if (marks > 35 && marks <=50) {

System.out.println("Pass Class");

}

else if (marks >= 0 && marks <= 35) {

System.out.println("Fail");

}

else {

System.out.println("Please enter valid marks...!");

}

sc.close();

}

}

4.

public class Patern1 {

public static void main(String[] args) {

int i = 1;

int j = 1;

while (i <= 5) {

while (j <= i) {

System.out.print(" " + i \* j);

j++;

}

j = 1;

System.out.println();

i++;

}

}

}

5.

class Patern2 {

public static void main(String[] args) {

for (int i = 4; i >= 1; i--) {

for (int j = 1; j <= 4; j++) {

if (j > i) {

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

} else {

System.out.print(j);

}

}

for (int j = 4; j >= 1; j--) {

if (j > i) {

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

} else {

System.out.print(j);

}

}

System.out.println();

}

}

}

6.

import java.util.Scanner;

public class factorial {

public static void main(String Args[]) {

Scanner sc = new Scanner(System.in);

System.out.println("Enter number : ");

int number = sc.nextInt();

long factorial=1;

int i=1;

do

{

factorial=factorial\*i;

i++;

}while(i<=number);

System.out.println("Factorial of "+number+" is:"+factorial);

sc.close();

}

}

7.

import java.util.Scanner;

public class week {

public static void main(String Args[]) {

Scanner sc = new Scanner(System.in);

System.out.println("Enter choice between 1 to 7 : ");

int day = sc.nextInt();

switch(day)

{

case 1:

System.out.println("Monday");

break;

case 2:

System.out.println("Tuesday");

break;

case 3:

System.out.println("Wednesday");

break;

case 4:

System.out.println("Thursday");

break;

case 5:

System.out.println("Friday");

break;

case 6:

System.out.println("Saturday");

break;

case 7:

System.out.println("Sunday");

break;

default:

System.out.println("Wrong Choice");

break;

}

sc.close();

}

}

8.

class Patern3 {

public static void main(String args[]) {

int n = 5;

for (int i = 1; i <= n; i++) {

for (int j = n - i; j > 0; j--) {

System.out.print(" ");

}

for (int j = i; j < 2 \* i - 1; j++) {

System.out.print(j+" ");

}

for (int j = 2 \* i - 1; j > i - 1; j--) {

System.out.print(j+" ");

}

System.out.println();

}

}

}

9.

public class Patern4 {

public static void main(String[] args) {

int alphabet = 64;

for (int i = 1; i < 6; i++) {

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

System.out.print((char) (alphabet + j) + " ");

}

for (int j = i-1; j >= 1; j--) {

System.out.print((char) (alphabet + j) + " ");

}

System.out.println();

}

}

}

10.

public class Pascal {

public static void main(String[] args) {

int n = 8;

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

for (int space = n; space > i; space--) {

System.out.print(" ");

}

int num = 1;

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

System.out.print(num + " ");

num = (num \* (i-j))/(j + 1);

}

System.out.println();

}

}

}

11.

public class fibonacci {

public static void main(String args[]) {

int n1=0,n2=1,n3,i,count=10;

System.out.print(n1+" "+n2);

for(i=2;i<count;++i)

{

n3=n1+n2;

System.out.print(" "+n3);

n1=n2;

n2=n3;

}

}

}

12.

import java.util.Scanner;

public class reverse {

public static void main(String Args[]) {

int reversed = 0;

Scanner sc = new Scanner(System.in);

System.out.println("Enter four digit number : ");

int num = sc.nextInt();

while (num != 0) {

int d = num % 10;

reversed = reversed \* 10 + d;

num = num / 10;

}

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

sc.close();

}

}