**Question 01**

import java.util.\*;

class Example {

public static void main(String args[]) {

Scanner input = new Scanner(System.in);

System.out.print("Enter First Number : ");

int num1 = input.nextInt();

System.out.print("Enter Second Number : ");

int num2 = input.nextInt();

int result = 0;

if(num1>num2){

result = num1+num2;

System.out.println(num1+" is Greater Than "+num2+". So addition of two numbers is "+result+".");

}else{

System.out.println(num1+" is Less Than "+num2+".");

}

}

}

**Question 02**

import java.util.\*;

class Example {

public static void main(String args[]) {

Scanner input = new Scanner(System.in);

System.out.print(" Enter Negative or Positive Integer : ");

int number = input.nextInt();

if(number<0){

System.out.println(" You Entered "+number+". absolute number of "+number+" is +"+-number+".");

}else{

System.out.println(" You Entered "+number+". absolute number of "+number+" is +"+number+".");

}

}

}

**Question 03**

import java.util.\*;

class Example {

public static void main(String args[]) {

Scanner input = new Scanner(System.in);

System.out.print(" Enter Chemistry Marks : ");

double chemistry = input.nextDouble();

System.out.print(" Enter Physics Marks : ");

double physics = input.nextDouble();

System.out.print(" Enter Combined MathsMarks : ");

double maths = input.nextDouble();

//Avarage calculation

double result = (chemistry + physics + maths)/3 ;

if(result>=75.00){

System.out.println(" Pass");

}else{

System.out.println(" Fail");

}

}

}

**Question 04**

import java.util.\*;

class Example {

public static void main(String args[]) {

Scanner input = new Scanner(System.in);

System.out.print(" Unit Price : ");

double unitPrice = input.nextDouble();

System.out.print(" Amount Brought : ");

double amount = input.nextDouble();

//Total calculation

double total = unitPrice\*amount ;

if(total>1500){

System.out.println(" You are entitled to the super draw.");

}else{

System.out.println(" Try again");

}

}

}

**Question 05**

import java.util.\*;

class Example {

public static void main(String args[]) {

Scanner input = new Scanner(System.in);

System.out.print(" Unit Price : ");

double unitPrice = input.nextDouble();

System.out.print(" Amount Brought : ");

double amount = input.nextDouble();

//Total calculation

double total = unitPrice\*amount ;

if(total>500.00){

double discount = total\*5/100;

total = total - discount;

System.out.println(" Your Discount is "+discount+" & your Final Amount is "+total+".");

}else{

System.out.println(" No discount given");

}

}

}

**Question 06**

import java.util.\*;

class Example {

public static void main(String args[]) {

Scanner input = new Scanner(System.in);

System.out.print(" Enter the Year: ");

int year = input.nextInt();

//Leap year check

if(year % 4 == 0){

if(year % 100 == 0){

if(year % 400 == 0){

System.out.println(" "+year+" is leap year");

}else{

System.out.println(" "+year+" is not a leap year");

}

}else{

System.out.println(" "+year+" is leap year");

}

}else{

System.out.println(" "+year+" is not a leap year");

}

}

}

**Question 06 (Method 02)**

import java.util.Scanner;

class LeapYearChecker {

public static void main(String[] args) {

Scanner input = new Scanner(System.in);

System.out.print("Enter the year: ");

int year = input.nextInt();

// Leap year check

if ((year % 4 == 0 && year % 100 != 0) || (year % 400 == 0)) {

System.out.println(year + " is a leap year.");

} else {

System.out.println(year + " is not a leap year.");

}

}

}

**Question 07**