**1.Addition of two numbers**

**package** com.studypedia;

**import** java.util.Scanner;

**public** **class** Demo {

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

// **TODO** Auto-generated method stub;

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

**int** a=sc.nextInt(), b=sc.nextInt();

System.***out***.println(a+b);

sc.close();

}

}

**2.EVEN OR ODD**

package com.studypedia;

public class Even {

public static void main(String[] args) {

// TODO Auto-generated method stub

int n= new java.util.Scanner(System.in).nextInt();

System.out.println(n%2==0? "Even":"Odd");

}

}

**3.LARGEST OF TWO NUMBERS**

**package** com.studypedia;

**import** java.util.Scanner;

**public** **class** Laregestoftwonumber {

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

// **TODO** Auto-generated method stub

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

**int** a = sc.nextInt(), b = sc.nextInt();

System.***out***.println("the largest number is:" + (a>b ?a:b) );

sc.close();

}

}

**4.JAVA BASICS.**

**FOR LOOP**

package learning.com;

public class ControlStatements {

public static void main(String[] args) {

// TODO Auto-generated method stub

for(int i=1;i<=5;i++) {

System.out.println("hello " + i);

}

}

**DO WHILE LOOP**

package learning.com;

public class Dowhileloop {

public static void main(String[] args) {

// TODO Auto-generated method stub

int i = 1;

do {

System.out.println("hello " + i);

i++;

}while(i<=5);

}

}

**JAVA DATA TYPES**

package learning.com;

public class Firstprg {

public static void main(String[] args) {

// TODO Auto-generated method stub

String NAME="PRAJAN";

int age=21;

double gpa=8.5;

boolean isStudent=false;

System.out.println("NAME:" + NAME);

System.out.println("age:" + age);

System.out.println("gpa:" + gpa);

System.out.println("Student:" + isStudent);

System.out.println("I AM PRAJNA");

}

}

**INPUT EXAMPLE IF STATEMENT**

**package** learning.com;

**import** java.util.Scanner;

**public** **class** Ifelse {

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

// **TODO** Auto-generated method stub

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

System.***out***.println("ENTER YOUR AGE:");

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

**if**(age<20) {

System.***out***.println("Not eligible to vote");

} **else** {

System.***out***.println("eligible for vote");

}

}

}

**INPUT EXAMPLE2**

**package** learning.com;

**import** java.util.Scanner;

**public** **class** Inputexample {

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

// **TODO** Auto-generated method stub

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

System.***out***.println("Enter your name:");

String name = sc.nextLine();

System.***out***.println("enter your favourite subject:");

String subject = sc.nextLine();

System.***out***.println(" enter your Dreamjob:");

String Dreamjob = sc.nextLine();

System.***out***.println("Hello " + name + ", your favourite subject is " + subject + " and your dream job is " + Dreamjob);

}

}

**EXAMPLE3**

package learning.com;

public class Print {

public static void main(String[] args) {

// TODO Auto-generated method stub

System.out.println("My name is Prajna " + ", I am studying ECE " + "My goal is to become a Tahishldar");

}

}

**CALCI**

package learning.com;

import java.util.Scanner;

public class Simplecalci {

public static void main(String[] args) {

// TODO Auto-generated method stub

Scanner sc = new Scanner(System.in);

System.out.println("enter the first number:");

int a = sc.nextInt();

System.out.println("enter the second number:");

int b = sc.nextInt();

System.out.println("enter the operation 1.add 2.subtract 3.multiply 4.divide");

int choice = sc.nextInt();

switch (choice) {

case 1:

System.out.println("result= " + (a+b)); break;

case 2:

System.out.println("result= " + (a-b)); break;

case 3:

System.out.println("result= " + (a\*b)); break;

case 4:

System.out.println("result= " + (a/b)); break;

default:

System.out.println("Invalid choice");

}

}

}

**SWITCH STATEMENT EXAMPLE**

package learning.com;

public class Swicth {

public static void main(String[] args) {

// TODO Auto-generated method stub

int marks = 75;

if (marks >= 85) {

System.out.println("GRADE A");

} else if(marks >= 60) {

System.out.println("GRADE B");

}else if (marks >= 40) {

System.out.println("GRADE C");

}else {

System.out.println("FAIL");

}

}

}

package learning.com;

import java.util.Scanner;

public class Takinginput {

public static void main(String[] args) {

// TODO Auto-generated method stub

Scanner sc = new Scanner(System.in);

System.out.println("ENTER YOUR name:");

String name = sc.nextLine();

System.out.println("enter your age:");

int age = sc.nextInt();

System.out.println("Hello " + name + ",you are " + age + " years old!");

}

}

**WHILE LOOP EXMPLE**

**package** learning.com;

**public** **class** Whileloop {

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

// **TODO** Auto-generated method stub

**int** i=1;

**while**(i<=5) {

System.***out***.println("Hello " +i);

i++;

}

}

}