class Example {

public static void main(String args[]) {

int a,b,c,d;

int x=100;

if(x>0){

a=1;

}

if(x<0){

a=2;

}

if(x==100){

a=3;

}

if(100>0){

b=1;

}

if(true){

c=1;

}

d=x>0?0:-1;

System.out.println(a); //illelgal

System.out.println(b); //1

System.out.println(c); //1

System.out.println(d); //0

}

}

class Example1 {

public static void main(String args[]) {

System.out.println("Start");

int i = 0;

for ( ;; ) {

System.out.println("i : "+i); //legal

i++;

}

System.out.println("i : "+i); /illegal

}

}

Random numbers

///////////////////////////////////////////////////////////////////////////////////////////////////////

Q196

import java.util.\*;

class Example {

public static void main(String args[]) {

//Scanner input=new Scanner(System.in);

Random input=new Random();

int x=input.nextInt();

System.out.println(x);

}

}

///////////////////////////////////////////////////////////////////////////////////////////////////////

Q197

import java.util.\*;

class Example {

public static void main(String args[]) {

//Scanner input=new Scanner(System.in);

Random input=new Random();

for (int i = 0; i < 10; i++) {

int x=input.nextInt(); //min of int to max of int

System.out.println(x);

}

}

}

///////////////////////////////////////////////////////////////////////////////////////////////////////

Q198

import java.util.\*;

class Example {

public static void main(String args[]) {

//Scanner input=new Scanner(System.in);

Random input=new Random();

for (int i = 0; i < 10; i++) {

int x=input.nextInt(); //min of int to max of int

int abs=x<0 ? -x: x;

abs=abs%10;

System.out.println(abs);

}

}

}

import java.util.\*;

class Example {

public static void main(String args[]) {

//Scanner input=new Scanner(System.in);

Random input=new Random();

for (int i = 0; i < 10; i++) {

int x=input.nextInt(100)+1; //1 to 100

System.out.println(x);

}

}

}