public class Main //13 table

{

public static void main(String[] args) {

int num=13;

for(int i = 1; i <= 10; ++i)

{

System.out.printf("%d \* %d = %d \n", num, i, num \* i);

}

}

}

//creating new class

public class Main

{

int a=3;

public static void main(String[] args) {

Main v1=new Main();

Main v2=new Main();

System.out.println(v1.a);

System.out.println(v2.a);

}

}

//sum in return

public class Main

{

static int v1(int a,int b){

return a+b;

}

static int v1(double a,double b)

{

return a+b;

}

public static void main(String[] args)

{

int x=v1(2,3);

double x=f1(2.1,3.1);

System.out.println(x);

System.out.println(y);

}

}

//array

public class Main

{

public static void main(String[] args) {

String[] name={"Asutosh","Roy","sonu"};

System.out.println(name[2]);

}

}

////array

public class Main

{

public static void main(String[] args) {

String[] name={"Asutosh","Roy","sonu"};

for(int i=0;i<name.length;i++)

System.out.println(name[i]);

}

}

//array

public class Main

{

public static void main(String[] args) {

String[] name={"2","4","6",”8”};

System.out.println(name[2]);

}

}

//pyramid

public class Main

{

public static void main(String[] args) {

int num=5;

int i=1;

int j=1;

while(i<=num){

while(j<=i)

{

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

j++;

}

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

i++;

j=1;

}

}

}

//methods

public class Main

{

static void f1()

{

System.out.println("Hii");

}

public static void main(String[] args) {

f1();

}

}

//switch

public class Main

{

public static void main(String[] args) {

int num=3;

switch(num)

{

case 1:

System.out.println("Asutosh");

break;

case 2:

System.out.println("Roy");

break;

case 3:

System.out.println("sonu");

break;

}

}

}

//typecasting,math,operators

public class Main

{

public static void main(String[] args) {

int c=10;

int d=11;

int e=12;

int v1=5;

double v2=v1;

double b=7.777;

int a=(int) b;

c+=3;

d-=4;

e\*=5;

System.out.println(c);

System.out.println(d);

System.out.println(e);

System.out.println(a);

System.out.println(v2);

System.out.println(Math.max());

System.out.println();

System.out.println();

System.out.println();

}

}

//sum of 3 numbers

import java.util.Scanner;

class Main {

public static void main(String[] args) {

System.out.println("enter 3 numbers");

Scanner sc=new Scanner(system.in);

int a=sc.nextInt();

int b=sc.nextInt();

int c=sc.nextInt();

int d=a+b+c;

System.out.println(d);

}

}

//10 integer sum and sqrt

import java.util.Scanner;

class Sum1

{

public static void main(String args[])

{

Scanner sc=new Scanner(System.in);

int i;

System.out.println("Enter 10 integers:");

double sum=0;

for(i=1;i<=10;i++)

{

int n=sc.nextInt();

sum+=n;

}

System.out.println(Math.sqrt(sum));

}

}

//while

public class Main

{

public static void main(String[] args) {

int i=0;

while(i<10)

{

System.out.println(i);

i++;

}

}

}