public static void main(String[ ] args)

{

int x = 5;

while (x > 1)

{

x = x + 1;

if (x < 3)

{

System.out.println("small x");

}

}

}

**Error: No Error**

class Digit {

public static void main(String[ ] args) {

int x = 1;

while (x < 10) {

if (x < 3) {

System.*out*.println("big x");

break;

}

}

}

}

**Error: Output prints infinitely**

class Loop {

public static void main(String[ ] args) {

int x = 5;

while (x > 1) {

x = x - 1;

if (x < 3) {

System.*out*.println("small x");

}

}

}

}

**Error: Missing Main() statement**

public class Main {

public static void main(String[ ] args) {

String s1="Hello World!\r\n" +

"It's been nice knowing you.\r\n" +

"Goodbye world!";

String s2=s1.replaceAll("World","Kowsalya”);

System.*out*.println(s2);

}

}

public class Main {

public static void main(String[ ] args) {

int i,j,row=5,col=5;

for(i=0;i<row;i++)

{

for(j=0;j<col;j++)

{

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

}

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

}

}

}

public class Main {

public static void main(String[ ] args) {

int I;

for( i=0;i<=36;i++)

{

System.*out*.println(i);

}

}

}

class HelloRank {

      public static void main (String args[ ]) {

                    String name = "Rank";

                    /\* Now let's say hello \*/

                   System.out.println("Hello + name");

                    }

}

**Output: Hello + name**

class Hello {

      public static void main (String args[ ]) {

                    int i;

                    System.out.print("Hello ");

               i = 0;

                       while (i <= args.length) {

                    System.out.print(args[i] + " ");

                     i = i + 1;

                     }

                        System.out.println();

         }

}

**Ans: i variable is a integer.args[] can be used in String**

import java.util.\*;

public class Area{

public static void main(String[ ] args){

double a;

double r;

final double pi = Math.PI;

r = 1.0;

a = pi \* r \* r;

display(r,a);

r = 1.5;

a = pi \* r \* r;

display(r,a);

r = 2.0;

a = pi \* r \* r;

display(r,a);

}

static void display(double r, double a){

System.out.println("For radius = " + r +

", area = " + a);

}

}

**Output:**

**For radius = 1.0, area=3.14285714**

**For radius = 1.5, area=7.07142857**

**For radius = 1.0, area=12.5714286**

import java.util.\*;

public class Main{

public static void main (String[] args) {

float c=2.54f;

Scanner s=new Scanner(System.in);

int i=s.nextInt();

float t=i\*c;

System.out.print(t);

}

}

class Hexy {

     public static void main (String[] args)    {

         Integer i = 42;

         String s = (i<40)?"life"i>50)?"universe":"everything";

         System.out.println(s);

     }

}

**Output: Compilation fails**

import java.util.\*;

public class Main{

public static void main (String[] args) {

Scanner s=new Scanner(System.in);

int hr=s.nextInt();

int bpay=s.nextInt();

int totalpay;

if (hr>40)

{

totalpay=(hr\*(bpay\*1.5f));

float t=totalpay;

}

else

{

totalpay=hr\*bpay;

}

System.out.print(totalpay);

}

}