1) **import** java.util.Scanner;

**public** **class** CelsiusToFahrenheit {

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

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

**float** celsius;

System.***out***.println("Enter the Celsius:");

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

celsius=sc.nextFloat();

**if**(celsius!=0)

{

**float** f=((9/5)\*celsius)+32;

System.***out***.println("Fahrenheit is:" + f);

}

}

}

2) import java.lang.reflect.Array;

import java.util.Scanner;

public class ArrayProgram {

public static void main(String[] args) {

// TODO Auto-generated method stub

int[] arr= {1,2,3,4,5,6};

System.out.print("Enter the index");

Scanner sc=new Scanner(System.in);

int find=sc.nextInt();

int c=0;

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

{

if(arr[i]==find)

{

c=1;

System.out.print("found at index"+i);

break;

}

}

if(c==0)

System.out.print("not found");

}

}

3) **import** java.util.Scanner;

**class** MAD

{

**static** String *sub*;

**void** count(String s)

{

*sub*=s;

System.***out***.println("Subject in MAD is " +*sub*);

}

}

**class** IP

{

**static** String *sub*;

**void** count(String s)

{

*sub*=s;

System.***out***.println("Subject in IP is " +*sub*);

}

}

**class** PM

{

**static** String *sub*;

**void** count(String s) {

*sub*=s;

System.***out***.println("Subject in PM is " +*sub*);

}

}

**public** **class** ClassAndObject {

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

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

MAD m1=**new** MAD();

IP i=**new** IP();

PM p=**new** PM();

m1.count("Maths");

i.count("N/w");

p.count("project");

}

}

4) **import** java.util.Scanner;

**public** **class** PyramidProgram {

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

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

**for**(**int** i=5;i>=1;i--)

{

**for**(**int** j=1;j<=i;j++)

{

System.***out***.print(j+" ");

}

System.***out***.println();

}

}

}

5)

**public** **class** Code013 {

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

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

String r="0";

**int** x=-1,y=-5;

**if**(x<5)

{

**if**(x>y)

{

r=r+"1";

**if**(y>0)

{

}

**else**

{

r=r+"3";

}

}

**else**

r=r+"2";

}

**else** r=r+"4";

{

System.***out***.println(r);

}

}

}