```
package july;
import java.util.*;
class emp
{
	Scanner sc=new Scanner(System.in);
	int id;
	String name;
	double sal;

	void accept()
	{
		System.out.println("Enter the id,name,salary:");
		id=sc.nextInt();
		name=sc.next();
		sal=sc.nextDouble();
	}
	void display()
	{
		System.out.println(" id:"+id+"\nname:"+name+"\nsalary:"+sal);
	}
}

interface sal
{
	double tax=0.05;
	void cal();
}

class emp1 extends emp implements sal
{
	public void cal()
```

```
        {
        System.out.println("gross salary:"+(sal+(sal*0.4)+(sal*0.3)+(sal*0.2)))     ;
        }
}

abstract class NumberGenerator{
        Scanner sc=new Scanner(System.in);
        int num;
        void accept() {
                System.out.println("Enter Number ");
                num=sc.nextInt();
        }
        abstract void printTable();
}

class MathOperation extends NumberGenerator{
        void printTable() {
                for(int i=1;i<=10;i++)
                        System.out.println(num+" x "+i+" = "+(num*i));
        }
}

abstract class ball{
        abstract void getPrice();
}

interface Bouncable{
        void bounce();
}

class CricketBall extends ball implements Bouncable{
```

```
	public void bounce() {
		System.out.println("Ball is bouncable");
	}
	public void getPrice() {
		System.out.println("Price is 20rs");
	}
}

class IronBall extends ball{
	public void getPrice() {
		System.out.println("Price is 30rs");
	}
}

public class July_30 {

	public static void main(String[] args) {
		/*emp1 e=new emp1();
		e.accept();
		e.display();
		e.cal();
		MathOperation m=new MathOperation();
		m.accept();
		m.printTable();
		CricketBall c=new CricketBall();
		IronBall i=new IronBall();
		c.bounce();
		c.getPrice();
		i.getPrice();*/

	}
```

}