

```

public class Human {
    private String name;
    public int age;
    public static int speciesCode=1357;

    public Human(String n, int a) {
        name = n;
        age = a;
        creation();
    }

    public void setName(String n){
        name = n;
    }

    public String getName(0) {
        return(name);
    }

    public void creation() {
        System.out.println("Human created");
    }

    public void creation(int x) {           //code   }

    public int compareTo(Object o) {      //code compares based on age   }

    public static int getSpeciesCode() {
        return( speciesCode );
    }
}

```

```

public class Baby extends Human {
    public String name

    public Baby(String n){
        super(n, 0);
        creation();
    }

    public void eat() { //code   }
    public String speak() { //code   }
    public void creation() {
        System.out.println("Baby created");
    }
}

```

```

public class Kid extends Baby {

    public double height;

    public Kid(String n, int a, double h) {
        super(n);
        age=a;
        height = h;
        creation();
    }

    public void creation() {
        System.out.println("Kid created");
    }

    public String speak() { //code }
    public void walk() { //code }
    public void walkToward(Human H) { //code }
    private void causeTrouble() { //code }

    public String toString(){
        System.out.println("Name: " + getName() );
        System.out.println("Age: " + age );
        System.out.println("Height: " + height );
    }

    public static int add(int a, int b) {
        return(a + b);
    }
}

```

```

public class Teen extends Kid {
    public double attitudeLevel
    private String highSchool;

    public Teen(String n, int a, double h) {
        super(n, a, h);
        creation();
    }

    public doHomework(String s) ;

    public void bePolite();

    public void setHighSchool(String s) {
        highSchool=s;
    }

    public String getHighSchool() {
        return(highSchool);
    }
}

```

```
public class GoodTeen extends Teen {  
  
    public GoodTeen(String n, int a, double h) {  
        super(n, a, h);  
    }  
  
    public void doHomework(String s) { //code }  
  
    public void bePolite() { //code }  
  
    public String speak() { //code }  
  
    public void doSomethingGood() { //code }  
}
```

```
public class BadTeen extends Teen {  
  
    public BadTeen(String n, int a, double h) {  
        super(n, a, h);  
    }  
  
    public void doHomework(String s) { //code }  
  
    public void bePolite() { //code }  
  
    public String speak() { //code }  
  
    public void doSomethingBad() { //code }  
}
```

```
public class RandomStuff {  
    //all these methods are coded to do something that makes sense  
    //some members and methods not shown  
    public Human getHuman()  
    public String locateHuman(Human H)  
    public String locateTeen(Teen T)  
    public Kid getKid()  
    public void giveTreat(Kid K)  
    public void printKids(ArrayList<Kid> kids)  
}
```