

# Class Diagram: Part 1

By Neil Dandekar

## public class HumanGenome

### PROPERTIES

```
private String name;  
private int    numGenes;  
private int    numChromosomes;  
private int    numCells;
```

### CONSTRUCTORS

```
public HumanGenome()  
public HumanGenome(String _name, int _numGenes,  
    int _numChromosomes, int _numCells)
```

### METHODS

```
public String getName()  
public int    getNumGenes()  
public int    getNumChromosomes()  
public int    getNumCells()  
  
public void setName(String _name)  
public void setNumGenes(int _numGenes)  
public void setNumChromosomes(int _numChromosomes)  
public void setNumCells(int _numCells)  
  
public void print()
```

## ASSOCIATION

## public class GenomeInput

### PROPERTIES

### CONSTRUCTORS

```
public GenomeInput()
```

### METHODS

```
public static void main(String[] args)  
public HumanGenome readValue(Scanner s1)
```