```java
import java.io.*;


public class Main {

    public static void main(String[] argv) {

        if (argv.length < 1) {

            System.out.println("No input args");

        }

        BufferedReader reader = null;

        try {

            FileReader eventsFile = new FileReader(argv[0]);

            reader = new BufferedReader(eventsFile);

            String line = reader.readLine();

            SnailRanch ranch = null;

            int totalYield = 0;

            while(line != null) {

                if (line.contains("stock")) {

                    String[] parts = line.split(" ");

                    String snailPopulation = parts[parts.length - 1];

                    int population = Integer.parseInt(snailPopulation);

                    System.out.println(line);

                    ranch = new SnailRanch(population);

                } else if (ranch != null) {

                    switch (line) {

                        case "breed":

                            ranch.breed();

                            break;

                        case "harvest":

                            totalYield += ranch.harvest();

                            break;

                        default:

                            line = reader.readLine();

                            continue;

                    }
```

```
                System.out.println(line + " " + ranch.getPopulation());
            }
            line = reader.readLine();
        }
        System.out.println("total yield = " + totalYield);
    }
    catch (IOException ex) {
        System.out.println("No such file");
    } finally {
        try {
            if (reader != null) {
                reader.close();
            }
        } catch (IOException e) {
            System.out.println("Can't close file");
        }
    }
}

static class SnailRanch {
    public static final int REPRODUCTION_RATE = 100;
    public static final int BASE_POPULATION = 200;

    private int population;

    public SnailRanch(int population) {
        this.population = population;
    }

    public int getPopulation() {
        return population;
    }
```

```
        public void breed() {
            population += (population / 2) * REPRODUCTION_RATE;
        }

        public int harvest() {
            int harvested = population - BASE_POPULATION;
            population = BASE_POPULATION;
            return harvested;
        }
    }
}
```