

* Warning: this code has an error

```
--algorithm_DieHarder_{
  variable_injug=[j\in_Jugs->0];
  {while(TRUE)
    {either_with(j\in_Jugs)*fill_jug_j
      {injug[j]:=Capacity[j]}
    or_with(j\in_Jugs)*empty_jug_j
      {injug[j]:=0}
    or_with(j\in_Jugs,k\in_Jugs\{j})*pour_from_jug_j_to_jug_k
      {with(poured=
        Min(injug[j]+injug[k],Capacity[k])-injug[k])
        {injug[j]:=injug[j]-poured;
        injug[k]:=injug[k]+poured
        }
      }
    }
  }
}
```