FRACTIONAL KNAPSACK

```
Algorithm Knapsack(m, n, w)
{
      for i := 1 to n do
            x[i] := 0;
      cap := m;
      for i := 1 to n do
      {
            if(w[i] > cap) then break;
            x[i] := 1;
            cap := cap - w[i];
      }
      if(i <= n) then
            x[i] := cap / w[i];
      return(x);
}
```