## SPS Problem of the Week 12/05/2021-12/12/202

## Problem:

You are given a set of $n$ blocks of total weight $2 n$, each weighing at least 1 . Prove that for every real number $r$ with $0 \leq r \leq 2 n-2$ you can choose a subset of blocks whose weight is at least $r$ but at most $r+2$.

