

## USACO.Guide Module Bounties

**DO NOT USE GPT OR ANY OTHER LLMS TO WRITE YOUR PRS. WE HAVE CAUGHT MULTIPLE PEOPLE DOING THIS ALREADY.**

### Platinum

Name	Link	Bounty	Status	Claimer	Instructions
Range Queries with Sweep Line	<a href="https://usaco.guide/plat/2d-range-queries">https://usaco.guide/plat/2d-range-queries</a>	500	Completed	haccorkat	Editorial for Focus Problem (Springboards/Intersection Points), preferably with Illustrations.
4D	<a href="https://usaco.guide/plat/4d">https://usaco.guide/plat/4d</a>	500	Claimed	jack fern	Add implementation! release up module + relevant solutions for 2-3 easy-normal problems.
DNQ DP	<a href="https://usaco.guide/plat/dnq-dp">https://usaco.guide/plat/dnq-dp</a>	500	Completed	ritvik	Description of DNQ DP + Module Solution for Focus Problem: Circular Barn.

### Advanced

Name	Link	Bounty	Status	Claimer	Instructions
Wavelet Tree + Problems	<a href="https://usaco.guide/adv/wavelet">https://usaco.guide/adv/wavelet</a>	500	Pull Request Submitted	cr47h4t	Add problems and cover the focus problem in the module.
LineContainer	<a href="https://usaco.guide/adv/line-container">https://usaco.guide/adv/line-container</a>	300	Claimed	hhb	Example problem for Half-Plane Intersection.
Zabih's Trick	<a href="https://usaco.guide/adv/zabih">https://usaco.guide/adv/zabih</a>	500	Completed	alex	Find a focus problem and write a module solution, preferably with Illustrations + write description for Lagrangian Relaxation.
4D2	<a href="https://usaco.guide/adv/4d2">https://usaco.guide/adv/4d2</a>	500	Completed	remax2	2D4 Section, will find practice problems to add.
Offline Division	<a href="https://usaco.guide/adv/offline-div">https://usaco.guide/adv/offline-div</a>	500	Completed		SDG with Rollback, explain focus problem
Euler's Formula	<a href="https://usaco.guide/adv/euler-formula">https://usaco.guide/adv/euler-formula</a>	500	Pull Request Submitted	enry	Intro, Example 14.2. Clean up code if possible.
Link Cut Tree	<a href="https://usaco.guide/adv/link-cut-tree">https://usaco.guide/adv/link-cut-tree</a>	500	Completed	niq	Explain focus problem and description of algorithms.
Flow with Lower Bounds	<a href="https://usaco.guide/adv/flow-lb">https://usaco.guide/adv/flow-lb</a>	500	Unclaimed		Editorial for focus problem + description.
Min-Cut Flow Applications	<a href="https://usaco.guide/adv/min-cut-flow">https://usaco.guide/adv/min-cut-flow</a>	500	Completed	jasonteng	Under "Assignment Problem", find a focus problem to explain.
More Complex Operations Using FFT	<a href="https://usaco.guide/adv/more-complex-fft">https://usaco.guide/adv/more-complex-fft</a>	500	Unclaimed		Choose a focus problem from the module to explain. Also find more resources and problems to add to the links.
XOR Basis	<a href="https://usaco.guide/adv/xor-basis">https://usaco.guide/adv/xor-basis</a>	500	Completed	remax2	Editorial for focus problem (your choosing) + description.
Game Theory	<a href="https://usaco.guide/adv/game-theory">https://usaco.guide/adv/game-theory</a>	500	Completed	mhrwa	Description/applications of game theory, choose a focus problem to present.
Public Sets of Multiplicative Functions	<a href="https://usaco.guide/adv/public-sets">https://usaco.guide/adv/public-sets</a>	500	Completed	tsangni-meng	Choose a focus problem, add more resources and problems.
Matroid Intersection	<a href="https://usaco.guide/adv/matroid-int">https://usaco.guide/adv/matroid-int</a>	500	Unclaimed		Description/applications of Matroid Intersection, choose a focus problem to present.
Critic??	<a href="https://usaco.guide/adv/critic">https://usaco.guide/adv/critic</a>	500	Completed	mhrwa	Choose a focus problem, add more resources and problems. This is a really empty module - reach out to Bang for additional support/instructions.

PLEASE DM A CONTENT MANAGER (@SANDPAPTRUSS), CRIM, OR DONG TO CLAIM A MODULE.  
IF NO PR IS MADE WITHIN 3 WEEKS OF CLAIMING, THE MODULE WILL REVERT TO UNCLAIMED.