

WORK

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185 int make_unique(double* array, int n);
186 void no_free(void* v);
187 void perfect_insert(bst_flux_t* bst_flux, double* arrHOMEt PROJECTSigh);
188 int bst_flux_insert(bst_flux_t* bst_flux, void* d);
189 void bst_flux_free(bst_flux_t* bst_flux);
190 void bst_flux_free_subtree(bst_flux_t* bst_flux, bst_flux_node_t* n);
191 bst_flux_t* bst_flux_new(void (*defunc)(void*));
192 /* Binary Search */
193 int binary_search(double arr[], int l, int r, double x, FILE* task3);
194 /* Binary search on array */
195 bst_flux_node_t* bst_flux_find(bst_flux_t* bst_flux, double d, FILE* task3);
196
197 /* Task four functions */
198 void calc_n_m(FILE* input_file, grid_t* grid);
199
200
201 /*****
202 * Task one: Calculate the maximum flux difference in the data set
203 *****/
204 void maxfluxdiff(const char* flow_file)
205 {
206     FILE *input_file;
207     row_t *max_flux_arr = (row_t*)

```

