

PDC Quiz 3: Max time allowed: 15 minutes, Max points: 100, Section: 6C Roll No: Name: (Question 1) Carefully read the following openmp code and identify 10 errors. Circle line number where you find error. Then write to-the-point one liners to tell what the error is. 1 // guiz3.c file 2 #include <stdio.h> int main() { int i, sum = 0; int data[10] = {1, 2, 3, 4, 5, 6, 7, 8, 9, 10}; omp_set_num_threads(); -> num threads not written #pragma omp parallel for reduction(+:sum) by this has he be for (i = 0; i < 10; i++) { sum += data[i]; is formy value of using parallelization of reduction int counter = 0; -> sange has to be a formic expression #pragma omp parallel for - has to be inside region for (i = 0; i < 10; i++) counter++; -> possible wrong value of counter ? #pragma omp for for (int k = 0; k < 10; k++) { printf("Quiz 3: %d\n", k); #pragma omp parallel for for (int k = 0; k < 10; k++) { k++; -> loop values count be manipulated isside parallel vegion On command line do: export SET-NUM-THREADS 4) Compile: gcc -o guiz3.o -Wall -fomp guiz3.c 4 - femp is no argument, - formang