Files to submit: matmult.s

Time it took Matthew to complete: 3.5 hours (you'll likely be much faster. I tried using macros here and ran into a lot of problem with them 5代数 CS编程辅导

- All programs must compile without warnings when using the -Wall and -Werror options
 - Submit only the f Do **NOT** sub
 - ssed files such as .zip, .rar, .tar, .targz, etc
- pe please make sure to mark your partner. If submitting in a
 - Only one of v
- exactly to receive credit. Your program mi
 - Make sure th **■**tput match mine exactly.
 - Ind paste them
- All input will be
- Print all real numbers to two decimal places unless otherwise stated
- The examples provided in the prompts do not represent all possible input you can receive.
- All inputs in the example in the prompt are underlined
 - You don't have to make anything underlined it is just there to help you differentiate between what you are supposed to print and what is being given to your program

If you have questions please post them on Piazza

Assignment Project Exam Help

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- 1. Write a program called **matmult.s** that implements matrix multiplication in assembly. If you don't know how to compare a multiplication you from the matrix multiplication you for matrix multiplication you for matrix multiplication in assembly.
 - 1. This program should be callable from C and have the following signature:
 - 1. int** matMult(int **a, int num_rows_a, int num_cols_a,
 int** h__int_num_rows_b, int num_cols_b);
 - 2. This function matrices a and b together and return the result
 - 3. You cann
 - 4. You must so was new matrix by calling malloc
 - 2. You have been a fine arguments the names of two matrices, call matrices, call matrices, call men display the result. After it has displayed the result it will then free matrices.
 - 1. Your function must be callable by this file
 - 3. You have also been given a makefile that should compile your program. Your program MUST be able to be compiled by this makefile.
 - 1. For those of you running 04 bit versions of Linux you may need to install the 32 bit binaries.
 - 2. The command to install on Ubuntu is: apt-get -y install gcc-multilib Assignment Project Exam Help

```
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470 -192 -539
235 -814 -538
              QQ: 749389476
-503 -418 541
cat matb/0-test.txt
              https://tutorcs.com
3
3
313 531 802
26 860 -767
543 870 822
./matmult.out mata/0-test.txt matb/0-test.txt
-150559 -384480 81146
-239743 -1043315 370572
125456 -155903 361902
```