Problem 1 Command: . ./prob1.sh 3 15 Output: 3 4 5 6 7 8 9 10 11 12 13 14 15 Problem 2 Command: . ./prob2.sh /usr/bin/gdb Output: "/usr/bin/gdb" is a file. You have the following permissions to it: read write execute Command: . ./prob2.sh /usr/bin/ Output: "/usr/bin/" is a directory. You have the following permissions to it: read write execute Command: . ./prob2.sh /usr/bin/gbd

/usr/bin/gbd is neither a regular file or directory

Problem 3

Output:

Command:

. ./prob3.sh Picture png

Output:

Problem 4

Command:

. ./prob4.sh Athena.txt

Output:

88.75

Problem 5

Command:

. ./prob5.sh MIDG.tar.gz

Output:

./._BuildMaps2d.c

BuildMaps2d.c

./._BuildMaps3d.c

BuildMaps3d.c

BuildMaps3d.o

./._F072.neu

F072.neu

./._FS_K01022.neu

FS_K01022.neu

./._FacePair2d.c

FacePair2d.c

./._FacePair3d.c

FacePair3d.c

FacePair3d.o

./._InitCPU2d.c

InitCPU2d.c

./._InitCPU3d.c

InitCPU3d.c

InitCPU3d.o

./._LoadBalance2d.c

LoadBalance2d.c

./. LoadBalance3d.c

LoadBalance3d.c

LoadBalance3d.o

./._MakefileCPU2d

MakefileCPU2d

./._MakefileCPU3d

MakefileCPU3d

./._MakefileGPU2d

MakefileGPU2d

./._MakefileGPU3d

MakefileGPU3d

MaxwellsCPU2d

MaxwellsCPU3d

./._MaxwellsDriver2d.c

MaxwellsDriver2d.c

./. MaxwellsDriver3d.c

MaxwellsDriver3d.c

MaxwellsDriver3d.o

./. MaxwellsKernel2d.cu

MaxwellsKernel2d.cu

./._MaxwellsKernel3d.cu

MaxwellsKernel3d.cu

./. MaxwellsMPI2d.c

MaxwellsMPI2d.c

./._MaxwellsMPI3d.c

MaxwellsMPI3d.c

MaxwellsMPI3d.o

./._MaxwellsRHS2d.c

MaxwellsRHS2d.c

./._MaxwellsRHS3d.c

MaxwellsRHS3d.c

MaxwellsRHS3d.o

./._MaxwellsRun2d.c

MaxwellsRun2d.c

./._MaxwellsRun3d.c

MaxwellsRun3d.c

MaxwellsRun3d.o

./._Mesh.h

Mesh.h

./._Mesh2d.c

Mesh2d.c

./. Mesh3d.c

Mesh3d.c

Mesh3d.o

./._ParallelPairs.c

ParallelPairs.c

ParallelPairs.o

./._StartUp2d.c

StartUp2d.c

./._StartUp3d.c

StartUp3d.c

StartUp3d.o

./._Utils.c

Utils.c

Utils.o

./._block2.neu

block2.neu

./._block3.neu

block3.neu

./._buildsource.m

buildsource.m

./._cubeK268.neu

cubeK268.neu

./._data3dN01.h

data3dN01.h

./._data3dN02.h

data3dN02.h

./._data3dN03.h

data3dN03.h

./._data3dN04.h

data3dN04.h

./._data3dN05.h

data3dN05.h

./._data3dN06.h

data3dN06.h

./._data3dN07.h

data3dN07.h

./._data3dN08.h

data3dN08.h

./._data3dN09.h

data3dN09.h

./._dataN01.h

dataN01.h

./._dataN02.h

dataN02.h

./._dataN03.h

dataN03.h

./._dataN04.h

dataN04.h

./._dataN05.h

dataN05.h

./._dataN06.h

dataN06.h

./._dataN07.h

dataN07.h

./._dataN08.h

dataN08.h

./._dataN09.h

dataN09.h

./._dataN10.h

dataN10.h

./._dataN11.h

dataN11.h

./._dataN12.h

dataN12.h

./. dataN13.h

dataN13.h

./._dataN14.h

dataN14.h

./._dataN15.h

dataN15.h

./._dataN16.h

dataN16.h

./._defs.h

defs.h

./._fem.h

fem.h

libmetis.a

libparmetis.a

./._license.midg

license.midg

./._macros.h

macros.h

./._parmetis.h

parmetis.h

./._parmetisbin.h

parmetisbin.h

./._parmetislib.h

parmetislib.h

./._proto.h

proto.h

./._readme

readme

./._rename.h

rename.h

./._stdheaders.h

stdheaders.h

./._struct.h

struct.h

./._tictoc.cu

tictoc.cu

updates

mkdir: cannot create directory 'MakefileCPU2d': File exists

mv: 'MakefileCPU2d' and '/home/cong/MIDG/MakefileCPU2d' are the same file

mkdir: cannot create directory 'MakefileCPU3d': File exists

mv: 'MakefileCPU3d' and '/home/cong/MIDG/MakefileCPU3d' are the same file

mkdir: cannot create directory 'MakefileGPU2d': File exists

mv: 'MakefileGPU2d' and '/home/cong/MIDG/MakefileGPU2d' are the same file

mkdir: cannot create directory 'MakefileGPU3d': File exists

mv: 'MakefileGPU3d' and '/home/cong/MIDG/MakefileGPU3d' are the same file

mkdir: cannot create directory 'MaxwellsCPU2d': File exists

mv: 'MaxwellsCPU2d' and '/home/cong/MIDG/MaxwellsCPU2d' are the same file

mkdir: cannot create directory 'MaxwellsCPU3d': File exists

mv: 'MaxwellsCPU3d' and '/home/cong/MIDG/MaxwellsCPU3d' are the same file

mkdir: cannot create directory 'readme': File exists

mv: 'readme' and '/home/cong/MIDG/readme' are the same file

mkdir: cannot create directory 'updates': File exists

mv: 'updates' and '/home/cong/MIDG/updates' are the same file

MIDG/

MIDG/. dataN12.h

MIDG/readme

MIDG/. stdheaders.h

MIDG/. dataN04.h

MIDG/._FS_K01022.neu

MIDG/. data3dN01.h

MIDG/. MaxwellsRHS3d.c

MIDG/. MakefileGPU3d

MIDG/. data3dN07.h

MIDG/._Utils.c

MIDG/. dataN07.h

MIDG/a/

MIDG/a/libparmetis.a

MIDG/a/libmetis.a

MIDG/. license.midg

MIDG/._LoadBalance3d.c

MIDG/m/

MIDG/m/buildsource.m

MIDG/._dataN05.h

MIDG/._data3dN06.h

MIDG/. FacePair3d.c

MIDG/. BuildMaps3d.c

MIDG/. dataN01.h

MIDG/._data3dN03.h

MIDG/._dataN03.h

MIDG/._MaxwellsRHS2d.c

MIDG/._MaxwellsDriver2d.c

MIDG/h/

MIDG/h/dataN12.h

MIDG/h/rename.h

MIDG/h/stdheaders.h

MIDG/h/data3dN03.h

MIDG/h/parmetis.h

MIDG/h/macros.h

MIDG/h/data3dN02.h

MIDG/h/struct.h

MIDG/h/data3dN06.h

MIDG/h/data3dN05.h

MIDG/h/dataN04.h

MIDG/h/parmetislib.h

MIDG/h/dataN14.h

MIDG/h/dataN16.h

MIDG/h/dataN13.h

MIDG/h/defs.h

MIDG/h/dataN11.h

MIDG/h/dataN03.h

MIDG/h/data3dN07.h

MIDG/h/data3dN01.h

MIDG/h/data3dN08.h

MIDG/h/data3dN09.h

MIDG/h/dataN01.h

MIDG/h/dataN10.h

MIDG/h/dataN06.h

MIDG/h/parmetisbin.h

MIDG/h/dataN05.h

MIDG/h/fem.h

MIDG/h/Mesh.h

MIDG/h/dataN02.h

MIDG/h/dataN09.h

MIDG/h/dataN15.h

MIDG/h/proto.h

MIDG/h/data3dN04.h

MIDG/h/dataN08.h

MIDG/h/dataN07.h

MIDG/._MaxwellsRun3d.c

MIDG/._struct.h

MIDG/._Mesh2d.c

MIDG/._MaxwellsKernel2d.cu

MIDG/._dataN10.h

MIDG/._FacePair2d.c

MIDG/._MaxwellsMPI2d.c

MIDG/. readme

MIDG/._cubeK268.neu

MIDG/MaxwellsCPU3d

MIDG/. Mesh3d.c

MIDG/. MakefileGPU2d

MIDG/._buildsource.m

MIDG/._StartUp3d.c

MIDG/. Mesh.h

MIDG/._MakefileCPU2d

MIDG/c/

MIDG/c/MaxwellsMPI3d.c

MIDG/c/StartUp2d.c

MIDG/c/BuildMaps3d.c

MIDG/c/MaxwellsDriver2d.c

MIDG/c/MaxwellsMPI2d.c

MIDG/c/FacePair3d.c

MIDG/c/MaxwellsRHS3d.c

MIDG/c/BuildMaps2d.c

MIDG/c/InitCPU3d.c

MIDG/c/Utils.c

MIDG/c/LoadBalance2d.c

MIDG/c/InitCPU2d.c

MIDG/c/LoadBalance3d.c

MIDG/c/MaxwellsDriver3d.c

MIDG/c/FacePair2d.c

MIDG/c/Mesh3d.c

MIDG/c/StartUp3d.c

MIDG/c/Mesh2d.c

MIDG/c/MaxwellsRHS2d.c

MIDG/c/ParallelPairs.c

MIDG/c/MaxwellsRun3d.c

MIDG/c/MaxwellsRun2d.c

MIDG/. F072.neu

MIDG/MakefileGPU3d

MIDG/._tictoc.cu

MIDG/._dataN02.h

MIDG/._macros.h

MIDG/. dataN14.h

MIDG/._data3dN02.h

MIDG/._ParallelPairs.c

MIDG/._dataN15.h

MIDG/MakefileCPU2d

MIDG/._parmetislib.h

MIDG/._LoadBalance2d.c

MIDG/._defs.h

MIDG/._parmetisbin.h

MIDG/o/

MIDG/o/Utils.o

MIDG/o/StartUp3d.o

MIDG/o/BuildMaps3d.o

MIDG/o/FacePair3d.o

MIDG/o/ParallelPairs.o

MIDG/o/InitCPU3d.o

MIDG/o/MaxwellsRun3d.o

MIDG/o/MaxwellsMPI3d.o

MIDG/o/LoadBalance3d.o

MIDG/o/Mesh3d.o

MIDG/o/MaxwellsDriver3d.o

MIDG/o/MaxwellsRHS3d.o

MIDG/MakefileCPU3d

MIDG/neu/

MIDG/neu/block2.neu

MIDG/neu/cubeK268.neu

MIDG/neu/FS_K01022.neu

MIDG/neu/F072.neu

MIDG/neu/block3.neu

MIDG/cu/

MIDG/cu/MaxwellsKernel3d.cu

MIDG/cu/tictoc.cu

MIDG/cu/MaxwellsKernel2d.cu

MIDG/._dataN09.h

MIDG/._data3dN08.h

MIDG/. proto.h

MIDG/._dataN06.h

MIDG/._fem.h

MIDG/. dataN11.h

MIDG/MaxwellsCPU2d

MIDG/._data3dN05.h

MIDG/._dataN13.h

MIDG/._data3dN09.h

MIDG/._data3dN04.h

MIDG/midg/

MIDG/midg/license.midg

MIDG/updates

MIDG/MakefileGPU2d

MIDG/._MaxwellsKernel3d.cu

MIDG/._InitCPU2d.c

MIDG/._dataN08.h

MIDG/._BuildMaps2d.c

MIDG/._MaxwellsDriver3d.c

MIDG/._MaxwellsRun2d.c

MIDG/._MaxwellsMPI3d.c

MIDG/._block3.neu

MIDG/._MakefileCPU3d

MIDG/._InitCPU3d.c

MIDG/._parmetis.h

MIDG/._block2.neu

MIDG/._dataN16.h

MIDG/._rename.h

MIDG/._StartUp2d.c