

Lab 5

Write a MIPS program to perform the following tasks:

- Ask the user for the number to divide by 8.
- Calculate the answer using only a shift operator.
- Print the result.
- Ask the user for the number to multiply by 4.
- Calculate the answer using only a shift operator.
- Print the result

Example program run:

```
Please enter the number to divide by 8: 16
```

```
That number divided by 8 is 2
```

```
Please enter the number to multiply by 4: 5
```

```
That number multiplied by 4 is 20
```

The following is required for all assignments and is included in the rubric for grading:

- You need to name your file as "LastName-Name-InClassLab5.asm" (Example: Talley-Michelle-Lab5.asm)
- Your program will need to have the exact output unless otherwise stated.
- Your source needs to have comments that explain your implementation.
- Your source needs to include your pseudo code in comments at the top.
- You need to include the following set of comments at the top of your source code for all assignments.
#Your Name
#Assignment # (Example: Lab #5)
- You need to submit your source code on blackboard.