

The goal:

- You have been given a linux executable binary in unknown architecture.
You are already familiar with x86 and hopefully with IDA.
- First, try to find out what the architecture is (hint: readelf) and then, understand the instruction set of the architecture (google is your friend).
- Next, try to understand what the executable does.
- Submit the correct input for that program.

Tutorial on how use IDA:
google

You may also use objdump instead of IDA. A nice tutorial with example can be found here:
<https://www.codementor.io/@packt/reverse-engineering-a-linux-executable-hello-world-rjceryk5d>

Good Luck!