

## Answers for Homework 3

2. The code should be similar to this

```
%builtins output

from starkware.cairo.common.serialize import serialize_word

func main{output_ptr: felt*}() {
    let (answer) = square(123);
    serialize_word(answer);
    return ();
}

func square(x : felt) -> (z : felt) {
    return (z = x*x);
}
```

Also in this [gist](#)