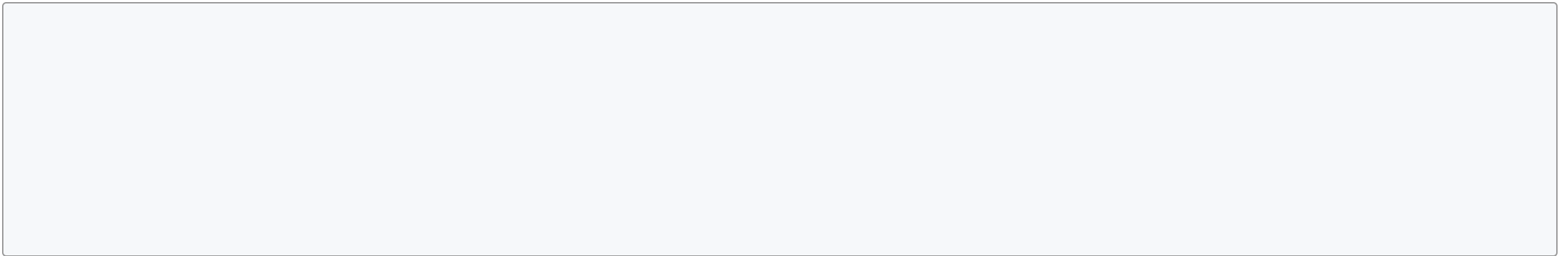


# MIPS

## Prologue and Epilogue

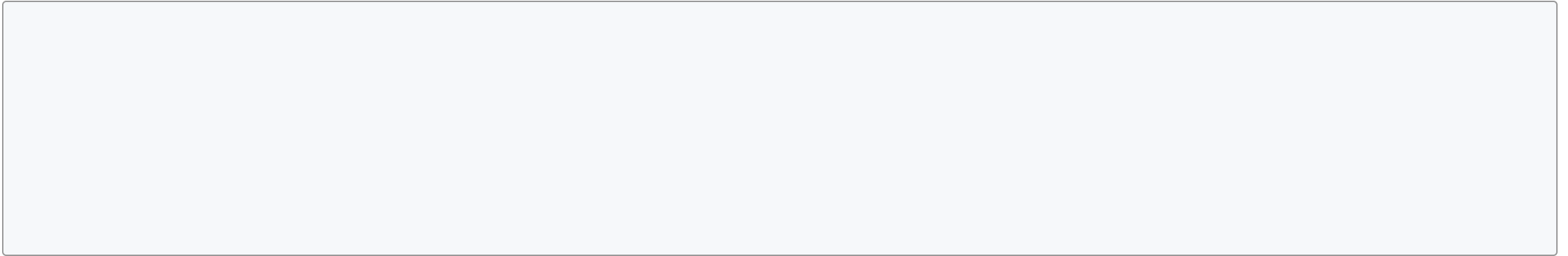
For complete detail see Handout8 of cs654

## Summary of calling sequence



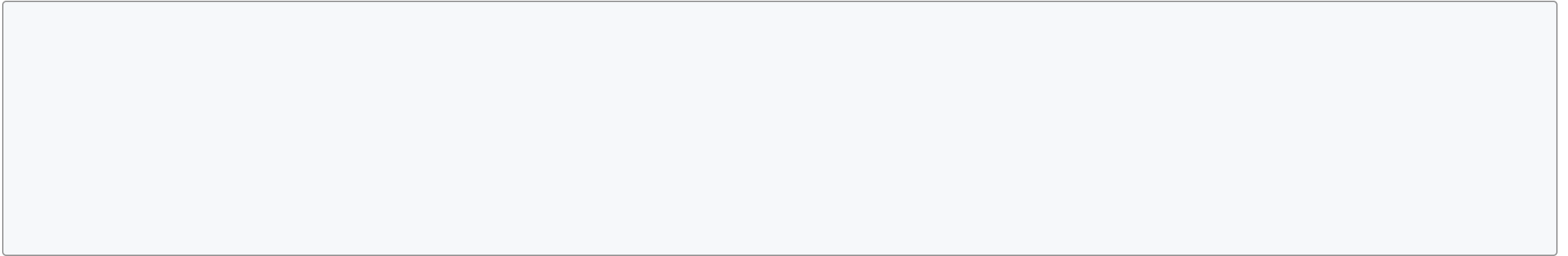
# Prologue

Remember `$fp` holds the previous value of `$sp`



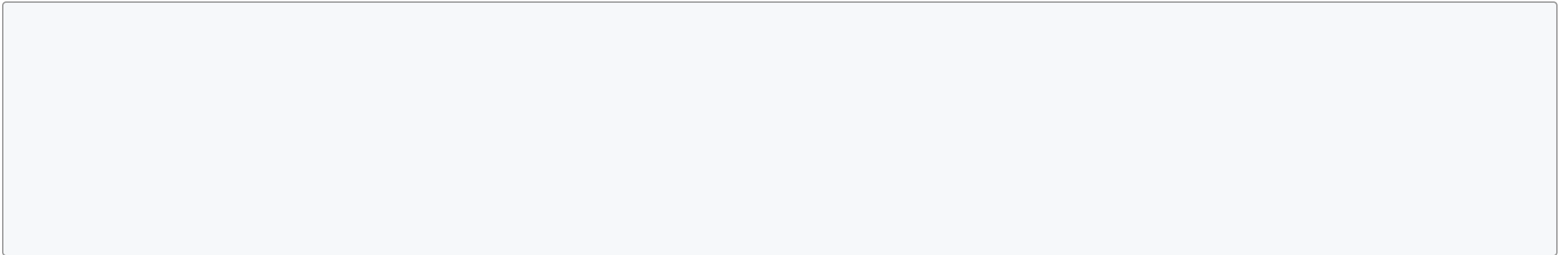
## Epilogue

After the method body is done, the return value is in `$a0` .



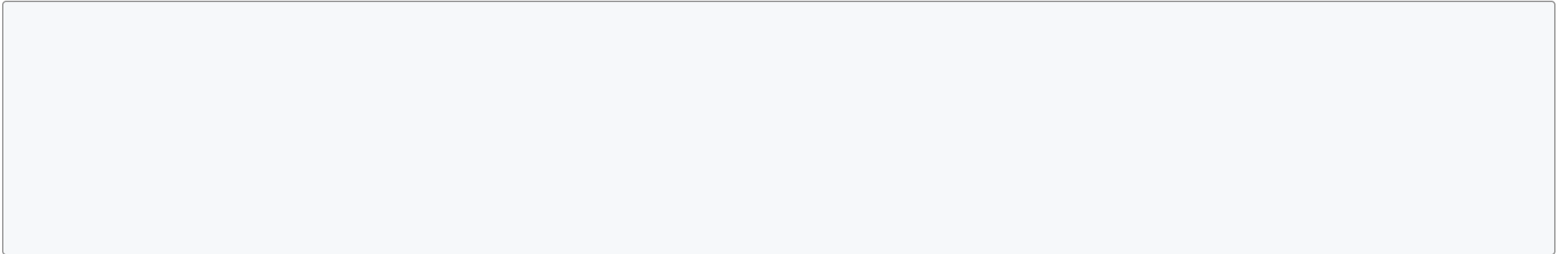
## Example `Main.cool`

Lets look at an actual Cool program compiled into MIPS by reference cool compiler



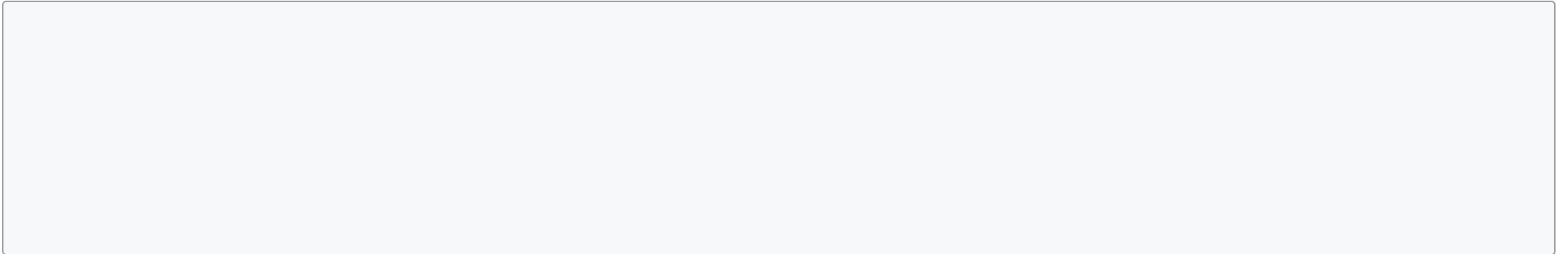
# Code `Main.s`

`Main.Main` or Main constructor



# Code `Main.cool` Cont.

Method Main.fib Prologue



# Code `Main.cool` Cont.

Method Main.fib Epilogue

