

# 1 Weekly main assignment for week 1 AST3220

## Prepare for class (to be discussed in plenary)

Go out at night and look up at the sky. What conclusions can you draw on the size, age and evolution of the universe from what you see? First pretend you are an ancient greek philosopher with very sparse knowledge of physics. What will your conclusions be then? Next, use your knowledge of modern physics without much knowledge of modern cosmology, what conclusions can you draw with these tools?