Read Voisin, Chapter II.

Problems 1–3 Voisin, Exercises for Chapter II, P 61–62: 1–3

Problem 4 As discussed in class, let $M = \mathbb{C}/(\mathbb{Z} \oplus i\mathbb{Z})$ be the torus with its complex manifold structure (a Riemann surface of genus 1). Prove that the holomorphic tangent bundle of $M$ is trivial.