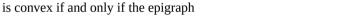
Exercises E15.b.5 [181] Let $C \subset \mathbb{R}^n$ be a convex set. Let $f: C \to \mathbb{R}$, show that f

is a convex subset of $C \times \mathbb{R}$.



$$\{(x,y)\mid x\in C\ ,\ f(x)\leq y\}$$