

## 2022 12 26 HomeWork # 01

2022년 12월 17일 토요일 오후 1:48

Due date : Jan. 6, 2023

1. What would be the angular size of a star which is 1pc away with the size of the Sun?  
Comparing the result with the angular resolution, is it valid to say "The stars all looks like a point source to us."?
2. Briefly explain the seasonal constellations that can be seen near Phnom Penh at night.
3. Briefly summarize the star formation and evolution processes.
4. Briefly summarize the galaxy, groups, clusters and superclusters of galaxies.  
Especially, briefly explain the Milky Way, Local Group, Virgo Supercluster, and the Great Wall,