**1) Create the following dir structure**

**/**

**|**

**name (owner root, group prod rwx,r-x,r-x)**

**|**

**------------------------------------------------------**

**| | | |**

**company empid favourite sport dept (owner root, group prod rwx,rw-,r--)**

**|**

**file1( owner student, group sales rw-,r--,r--)**

**(Welcome to Dept of works)**

**Note: file1 is a file**

**rest all are directories**

0…