Thinong That CM2742

Oupstion 1.

The basic idea of Notpheduce's to divide a longe task into several small independent taks and tun them in parrollel to complete the task faster. Map leading has for phases; Map and Reduce, Take the Min Temperature as an example.

Reduce, Take the Min Temperature as an example.

In Map phase, the original input is divided into several independent forts and is

To example, the mapper reads input one line a time extracts the year and temperature. The year is key temperature is all such as the relaced to generated by mapper.

All values that have the same key will be gothered to gether, keduer can have algorithm value that has the same year number as a key and the first book the minimum of temperature in that year.

Question 2

Or 1

Read. (Virt require a file read to the numerode. The numerode check to pemission and lift ferform a one-lyte checksum every 52 byte. It checksum mimerch, dint will inform numerode and

White. Clint require a file-write to nomencode the None Nodes checks the fermission None Node
Then the node sends the perpendent to the next node. The final node will check the checksum

Guestlon), 1. hadoop 15 -setrep [-K][w] <rep> <path/file> This command sets the number of replica in the HPFS of a # file. < rep> is the number and postalfiles is the file forth hadoop is - set rep 2 Houps text text, will set file stopp text text to have two replica in MDFS, 7. hadcop is -chown [-R] [OWNER][:[Group]] PATH It changes the owner and the group of a file. hadesp to -chown hades hadeep test, test, will though the extress of test, but to hadoop and it belongs to hadoof month 3. hadrop to track 2 (Files It creates a file that is a length. If the the exits and tills length is not a traverne hadoop to touche trup. tret. Creater a Wank Text file 4. hadaup to my SRC> (DST) in More SKC>16 to SDS73 loction hadoof for my templed, to temper will move templed, but do temper F. hadorp to -mkdir PATH Makes a new directory (PARI) hadap p - mkd; /mp2) nill make a divelog stropy