**Answer of HW1**

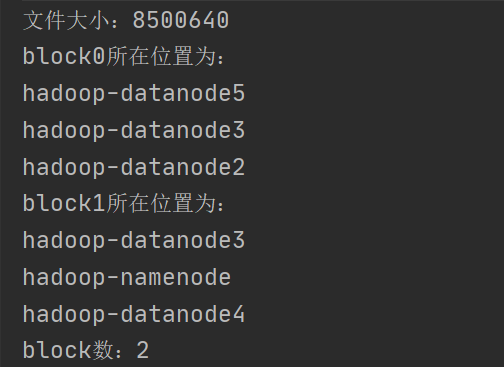
**Group 5**

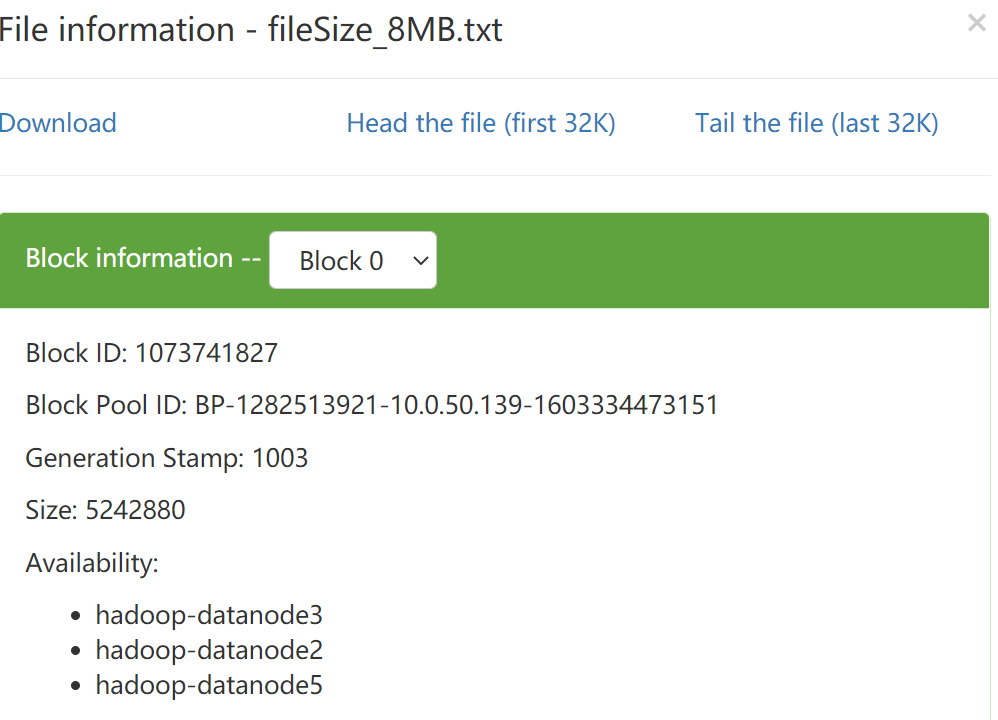
Liang Yi 1901212608 Yao Surui 1901212660

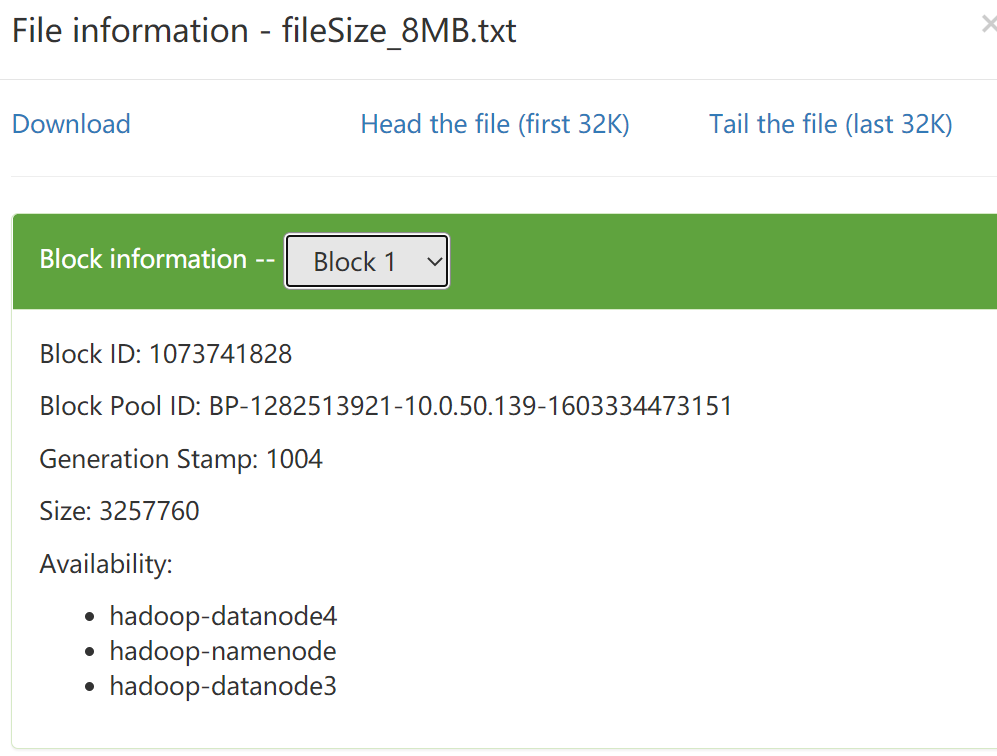
Wang Zilei 19012212645 Liu Xin 1901212615

Zhang Ying 1901212674

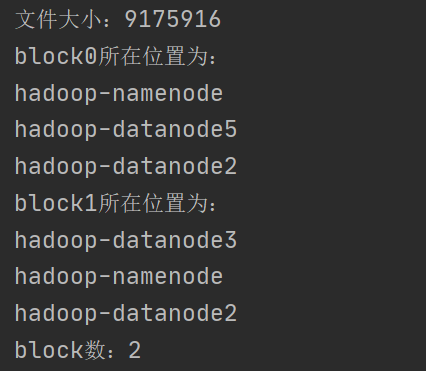
Q1:

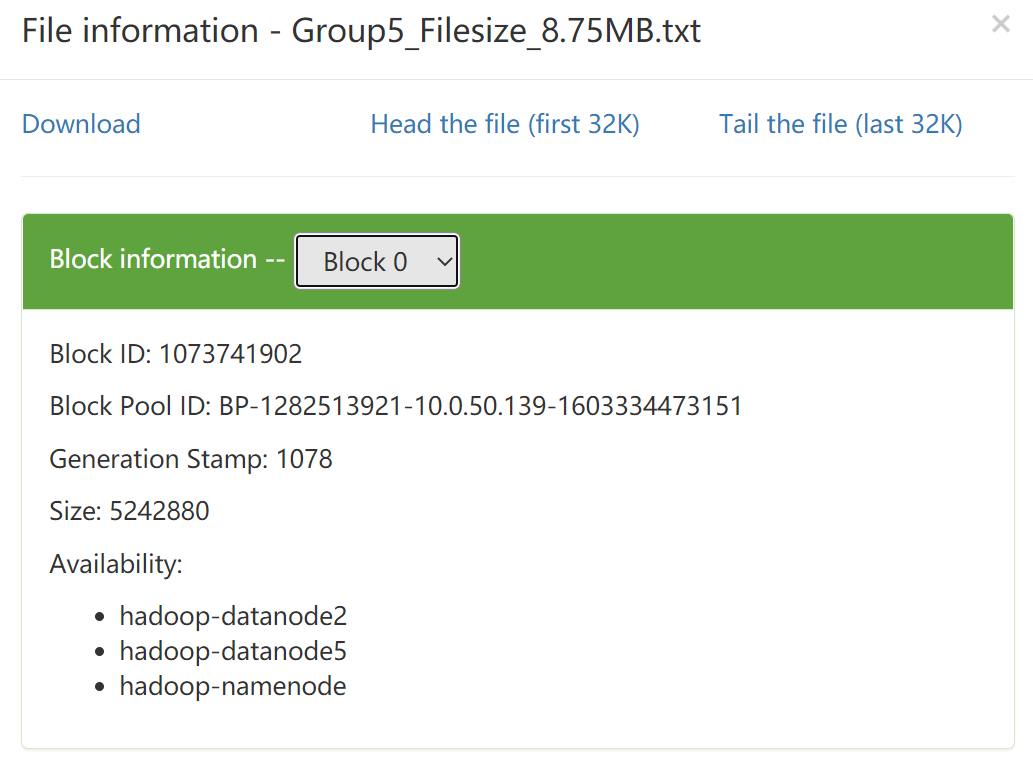


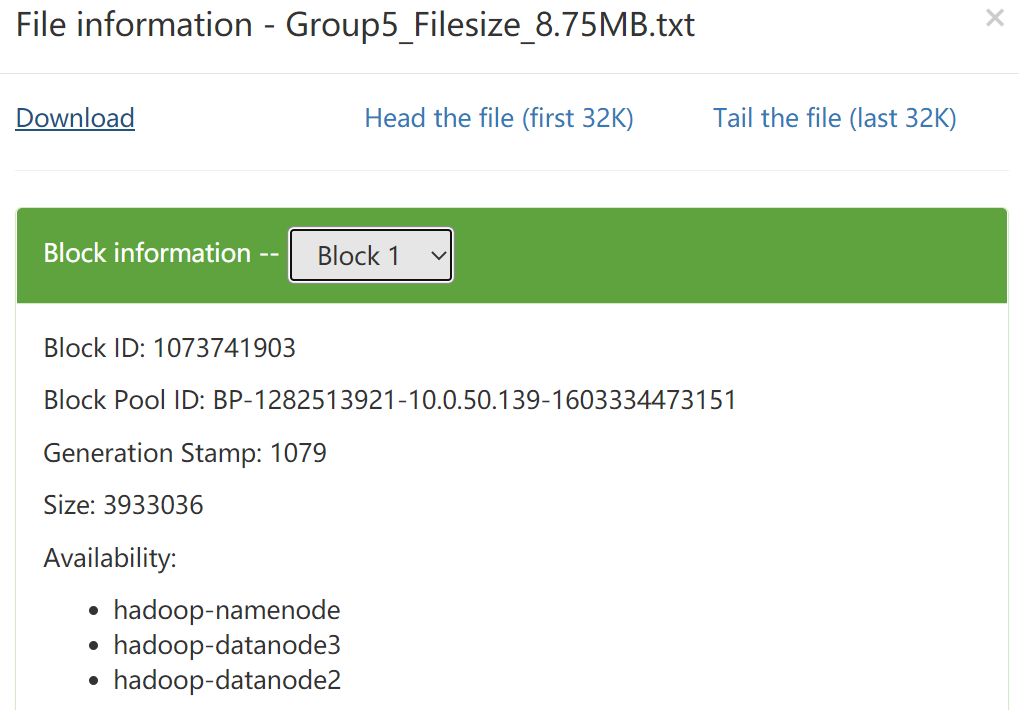




Q2:







Q3

Document：PRSA\_Data\_20130301-20170228

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Filename: PRSA\_Data\_Aotizhongxin\_20130301-20170228.csv

File path: F:\airQuality\PRSA\_Data\_20130301-20170228\PRSA\_Data\_Aotizhongxin\_20130301-20170228.csv

Five rows：

"No","year","month","day","hour","PM2.5","PM10","SO2","NO2","CO","O3","TEMP","PRES","DEWP","RAIN","wd","WSPM","station"

"No","year","month","day","hour","PM2.5","PM10","SO2","NO2","CO","O3","TEMP","PRES","DEWP","RAIN","wd","WSPM","station"

"No","year","month","day","hour","PM2.5","PM10","SO2","NO2","CO","O3","TEMP","PRES","DEWP","RAIN","wd","WSPM","station"

"No","year","month","day","hour","PM2.5","PM10","SO2","NO2","CO","O3","TEMP","PRES","DEWP","RAIN","wd","WSPM","station"

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\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Filename: PRSA\_Data\_Changping\_20130301-20170228.csv

File path: F:\airQuality\PRSA\_Data\_20130301-20170228\PRSA\_Data\_Changping\_20130301-20170228.csv

Five rows：

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"No","year","month","day","hour","PM2.5","PM10","SO2","NO2","CO","O3","TEMP","PRES","DEWP","RAIN","wd","WSPM","station"

"No","year","month","day","hour","PM2.5","PM10","SO2","NO2","CO","O3","TEMP","PRES","DEWP","RAIN","wd","WSPM","station"

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\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Filename: PRSA\_Data\_Dingling\_20130301-20170228.csv

File path: F:\airQuality\PRSA\_Data\_20130301-20170228\PRSA\_Data\_Dingling\_20130301-20170228.csv

Five rows：

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"No","year","month","day","hour","PM2.5","PM10","SO2","NO2","CO","O3","TEMP","PRES","DEWP","RAIN","wd","WSPM","station"

"No","year","month","day","hour","PM2.5","PM10","SO2","NO2","CO","O3","TEMP","PRES","DEWP","RAIN","wd","WSPM","station"

"No","year","month","day","hour","PM2.5","PM10","SO2","NO2","CO","O3","TEMP","PRES","DEWP","RAIN","wd","WSPM","station"

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\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Filename: PRSA\_Data\_Dongsi\_20130301-20170228.csv

File path: F:\airQuality\PRSA\_Data\_20130301-20170228\PRSA\_Data\_Dongsi\_20130301-20170228.csv

Five rows：

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"No","year","month","day","hour","PM2.5","PM10","SO2","NO2","CO","O3","TEMP","PRES","DEWP","RAIN","wd","WSPM","station"

"No","year","month","day","hour","PM2.5","PM10","SO2","NO2","CO","O3","TEMP","PRES","DEWP","RAIN","wd","WSPM","station"

"No","year","month","day","hour","PM2.5","PM10","SO2","NO2","CO","O3","TEMP","PRES","DEWP","RAIN","wd","WSPM","station"

"No","year","month","day","hour","PM2.5","PM10","SO2","NO2","CO","O3","TEMP","PRES","DEWP","RAIN","wd","WSPM","station"

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Filename: PRSA\_Data\_Guanyuan\_20130301-20170228.csv

File path: F:\airQuality\PRSA\_Data\_20130301-20170228\PRSA\_Data\_Guanyuan\_20130301-20170228.csv

Five rows：

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"No","year","month","day","hour","PM2.5","PM10","SO2","NO2","CO","O3","TEMP","PRES","DEWP","RAIN","wd","WSPM","station"

"No","year","month","day","hour","PM2.5","PM10","SO2","NO2","CO","O3","TEMP","PRES","DEWP","RAIN","wd","WSPM","station"

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Filename: PRSA\_Data\_Gucheng\_20130301-20170228.csv

File path: F:\airQuality\PRSA\_Data\_20130301-20170228\PRSA\_Data\_Gucheng\_20130301-20170228.csv

Five rows：

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Filename: PRSA\_Data\_Huairou\_20130301-20170228.csv

File path: F:\airQuality\PRSA\_Data\_20130301-20170228\PRSA\_Data\_Huairou\_20130301-20170228.csv

Five rows：

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"No","year","month","day","hour","PM2.5","PM10","SO2","NO2","CO","O3","TEMP","PRES","DEWP","RAIN","wd","WSPM","station"

"No","year","month","day","hour","PM2.5","PM10","SO2","NO2","CO","O3","TEMP","PRES","DEWP","RAIN","wd","WSPM","station"

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Filename: PRSA\_Data\_Nongzhanguan\_20130301-20170228.csv

File path: F:\airQuality\PRSA\_Data\_20130301-20170228\PRSA\_Data\_Nongzhanguan\_20130301-20170228.csv

Five rows：

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Filename: PRSA\_Data\_Shunyi\_20130301-20170228.csv

File path: F:\airQuality\PRSA\_Data\_20130301-20170228\PRSA\_Data\_Shunyi\_20130301-20170228.csv

Five rows：

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Filename: PRSA\_Data\_Tiantan\_20130301-20170228.csv

File path: F:\airQuality\PRSA\_Data\_20130301-20170228\PRSA\_Data\_Tiantan\_20130301-20170228.csv

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\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Filename: PRSA\_Data\_Wanliu\_20130301-20170228.csv

File path: F:\airQuality\PRSA\_Data\_20130301-20170228\PRSA\_Data\_Wanliu\_20130301-20170228.csv

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Filename: PRSA\_Data\_Wanshouxigong\_20130301-20170228.csv

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