1. Lunch the job with following input. (edited from instruction)  
   A screenshot of a computer

   Description automatically generated
2. Check if the needed file exists.  
   A computer screen shot of a computer screen

   Description automatically generated
3. Check if the needed file exists.  
   A screenshot of a computer

   Description automatically generated
4. Check if the needed file exists.  
   A screenshot of a computer

   Description automatically generated
5. Open the Impala and ready for the input SQL.  
   A computer screen shot of a computer

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6. Result of first SQL,   
   A screenshot of a computer

   Description automatically generated
7. Result of the second SQL  
   A screenshot of a computer

   Description automatically generated
8. Result of the second SQL, but with duplicated rows removed. The answer of question 1, **Nike’s Polo is the 5th most revenue generating product, and amount is $27696150.**  
   A computer screen shot of a computer

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9. Copy the needed log file to the required location.  
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10. Run the code that parses the log file to a better format.  
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11. Result of the parser.  
    A screenshot of a computer

    Description automatically generated
12. The top 20 views product. **The second one from the top shows “featured%20shops,” so it might not mean people are all buying it. Because it only means people prefer these shops.**  
    A screenshot of a computer

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