Explanation of the shell script code:

* It first checks if a directory called "Result" exists, and creates it if not.
* It then reads input line by line from input.txt.
* Each line contains 3 space-separated values - x, y, operation
* It extracts x, y, and operation into separate variables using cut.
* It then operates:
  + If op is xor, it xors x and y
  + If op is a product, it multiples x and y
  + If op is compared, it compares x and y and stores the greater value in the result
* For any other operation, it prints an error.
* The result is appended to output.txt inside the Result directory.
* This happens for every line in input.txt

So in summary:

* It takes arithmetic operations as input
* Performs the operations on the given inputs
* Stores the result of each operation in an output file
* Creates a directory to store the output if it doesn't exist

The key aspects are:

* Reading input from a file line-by-line
* Parsing input using cut to extract required values
* Performing conditional logic to execute different operations
* Writing output to a file
* Handling invalid input