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| The program receives an integer seed value You need to receive two |
|  | additional positive integers from the user as the first number (f) and |
|  | second number (s), respectively. Check if the second one is less than |
|  | the first one or any of the numbers are negative. If so, display |
|  | <strong>INVALID INPUT</strong> and call exit(). Generate a single |
|  | random integer between 5 and 30 as the repetition count. Output the |
|  | first number followed by the second number in individual lines. Repeat |
|  | the following as much as the repetition count If the current iteration |
|  | is a multiple of 3, calculate the result as |
|  | <strong> f to the power of s </strong> If the current iteration is one more than |
|  | a multiple of 3, calculate the result as </strong> f divided by s with using floor division </strong> (round the normal division result to the smaller number) |
|  | If the current iteration |
|  | is two more than a multiple of 3, calculate the result as |
|  | <strong> f x s </strong> Output the result in an individual line. |
|  | Set the first number to be the current second number and set the |
|  | second number to be the calculated result. Continue with the next |
|  | iteration DO NOT write any prompt messages inside the input functions. |
|  | Be careful with your output, such as spacing in the output or upper |
|  | case messages. |