**Assignement-4**

1. Write a program to perform the following task:
2. Addition of two square matrices

b. Subtraction of two square matrices

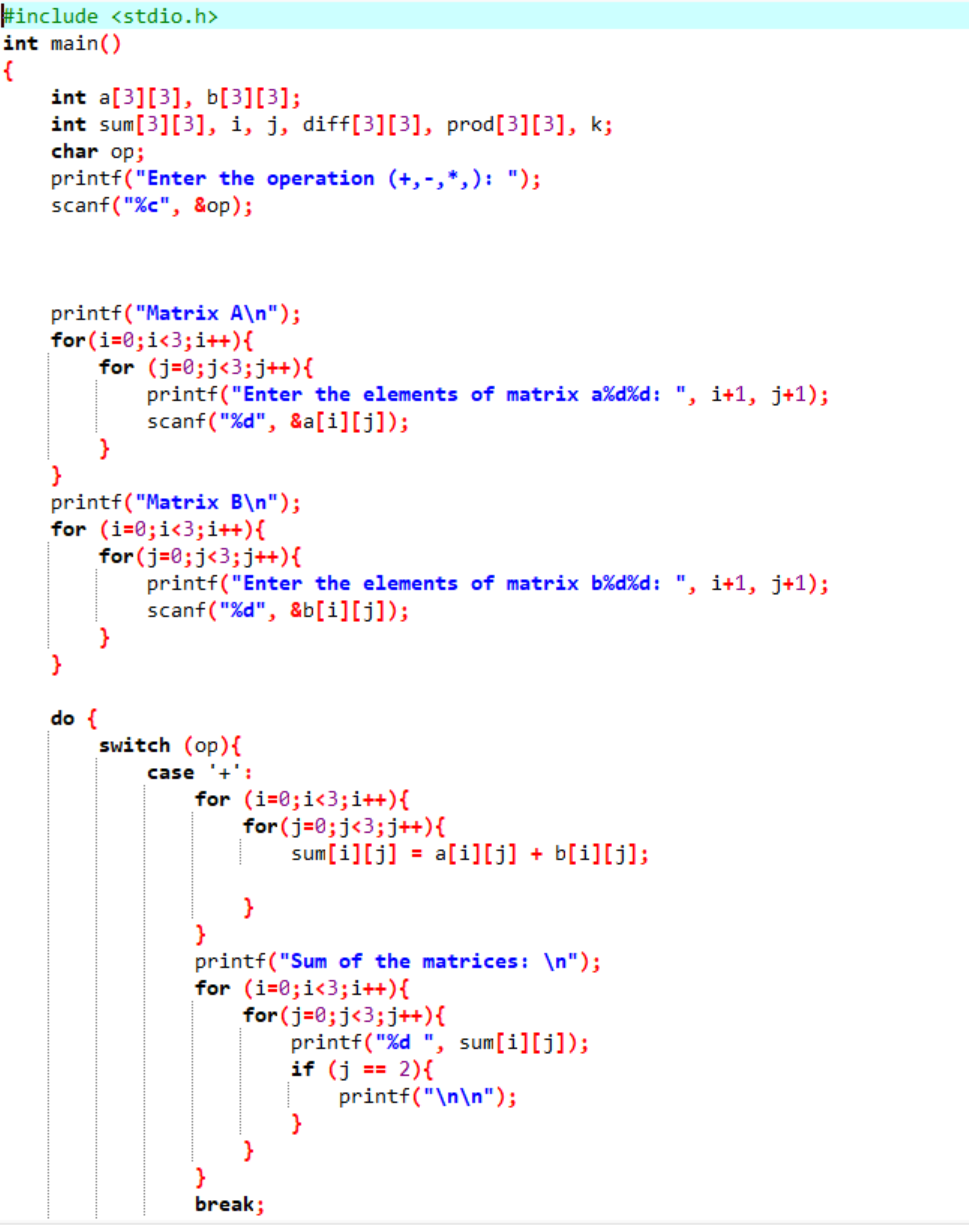
c. Multiplication of two square matrices

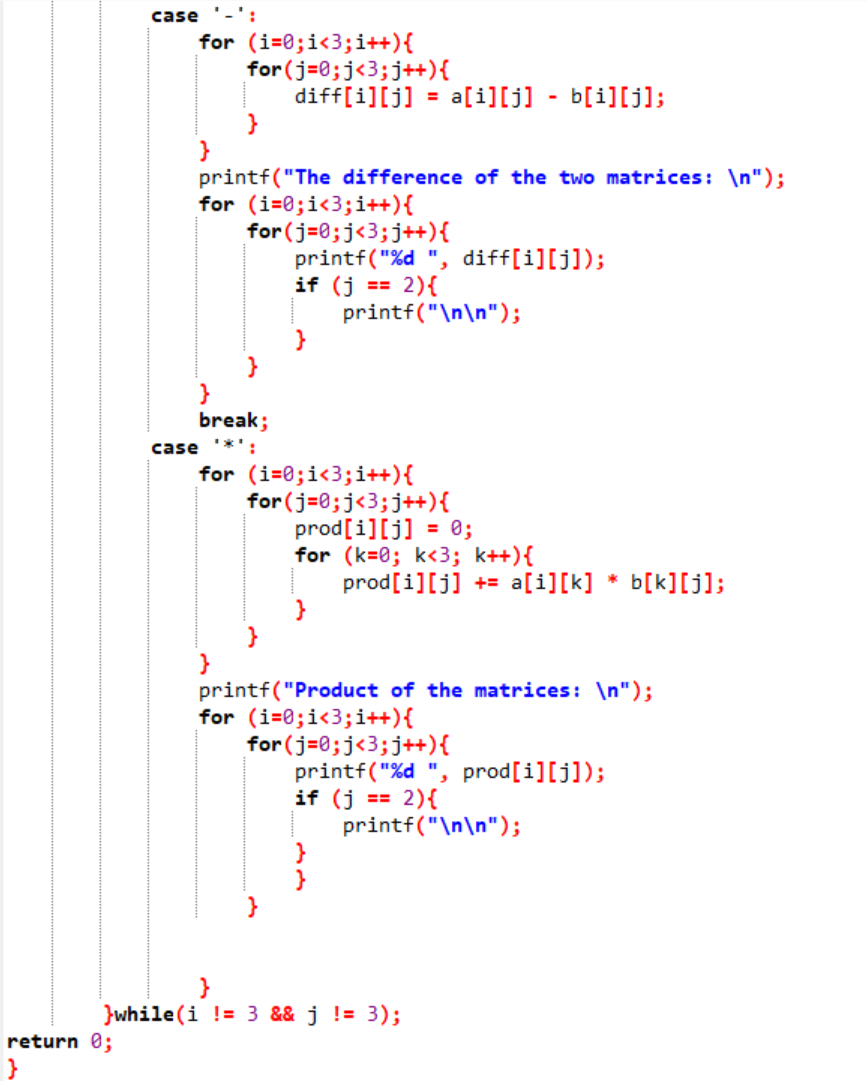
d. Determinant of a square matrix.

e. Inverse of a square matrix (if the determinant is non zero)

Note: Use a menu-driven program using do..while loop and switch case

Code for (a), (b), (c):

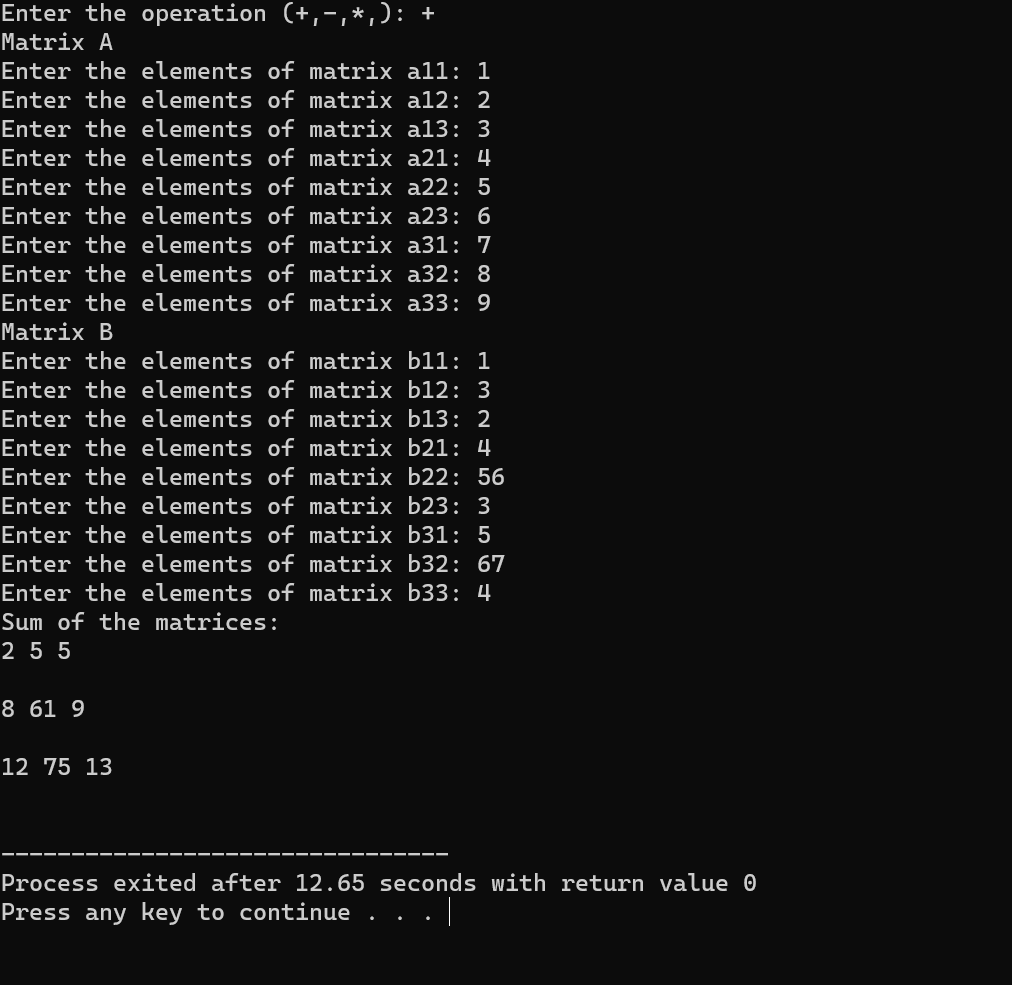


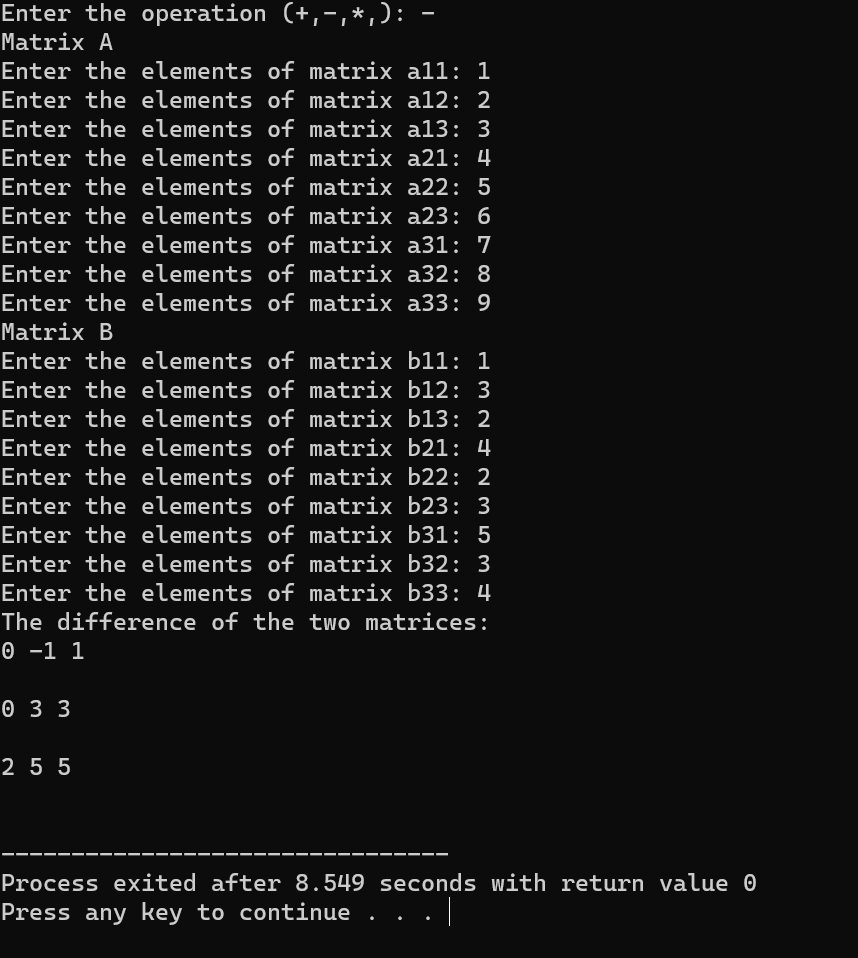
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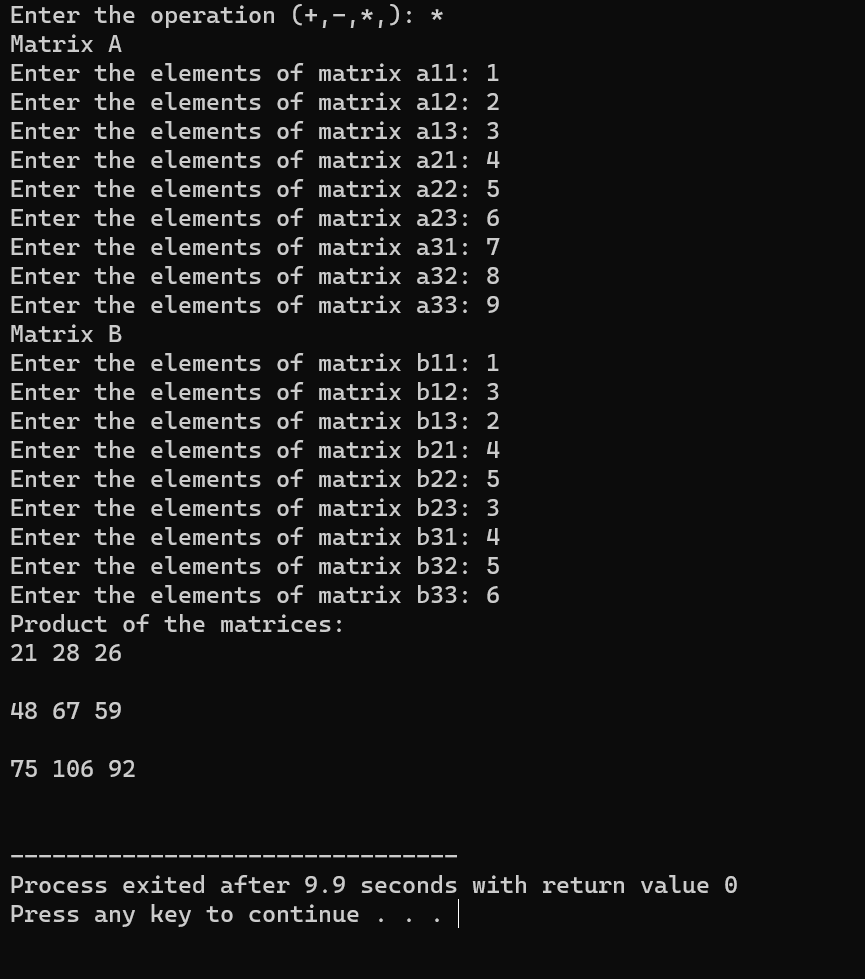
**CODE FOR (D), (E):**

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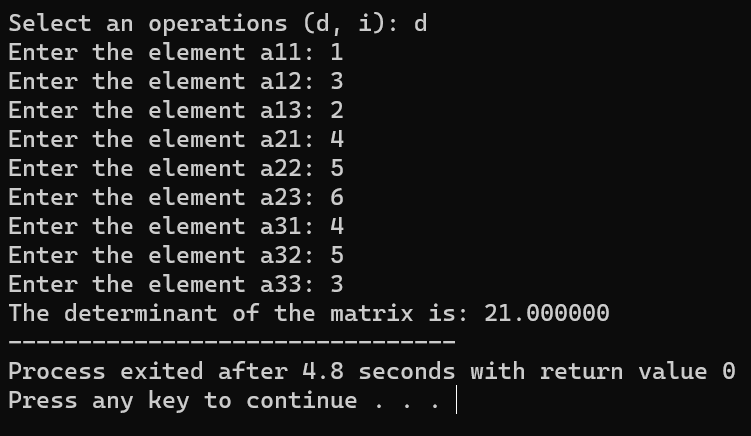
**OUTPUT FOR (A), (B), (C):**

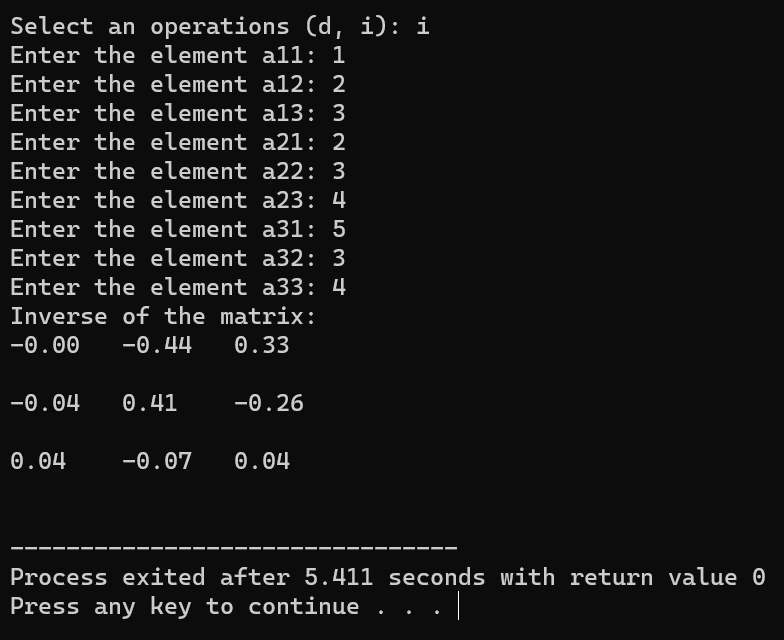
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**Output for (d), (e):**

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1. Write a C program using functions to perform the following tasks:

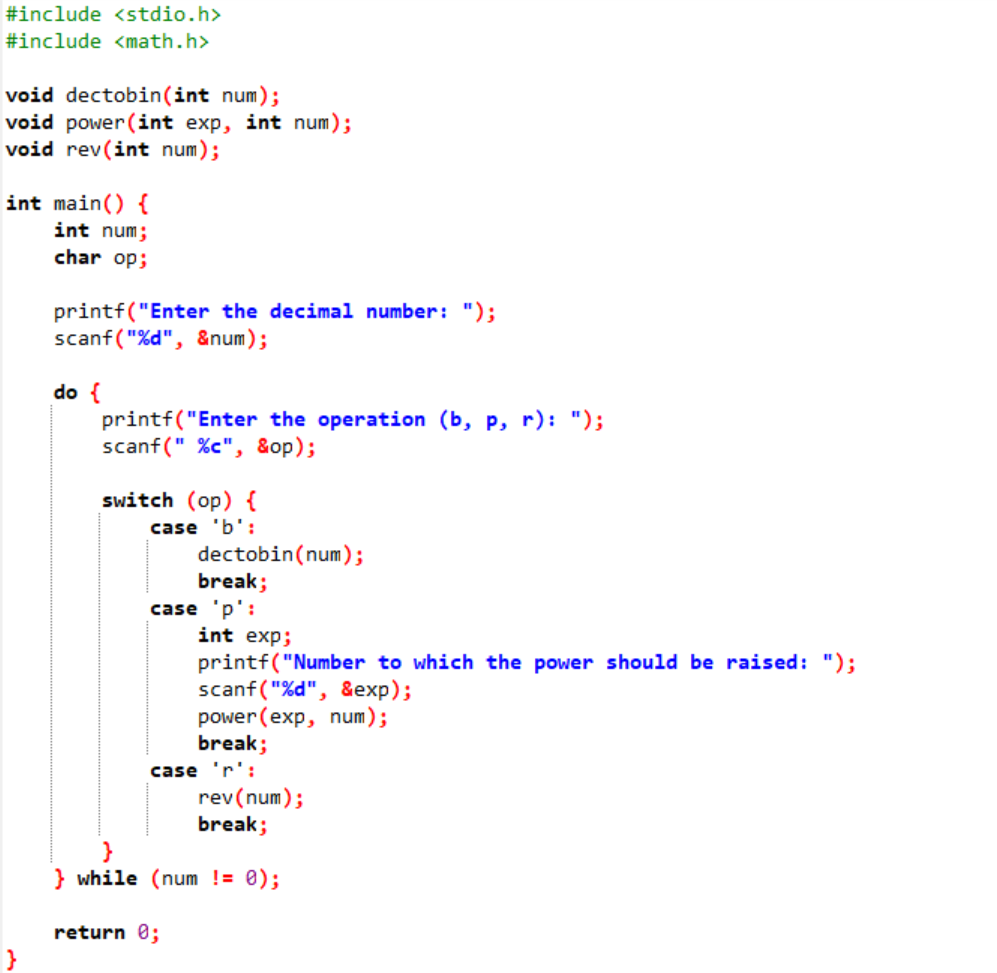
a) To convert the binary equivalent of a decimal number

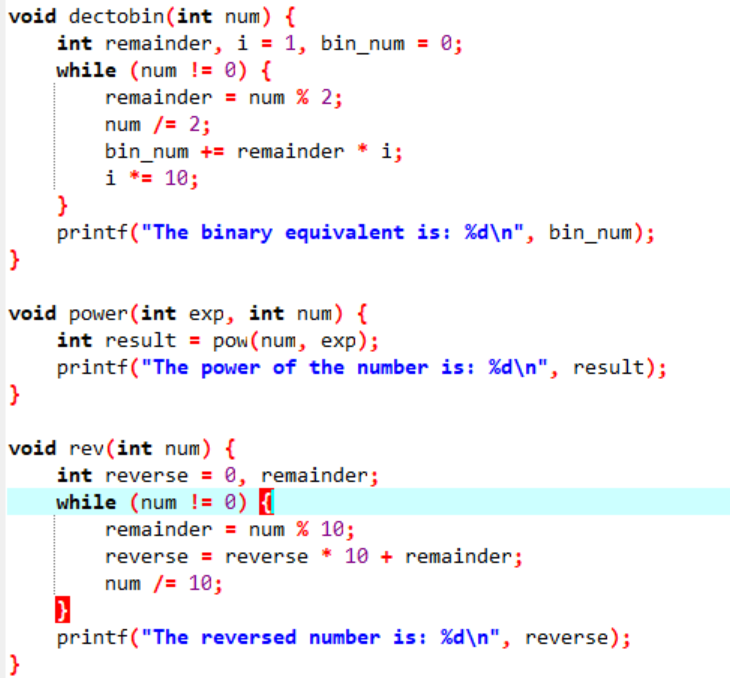
b) To find the power of a number.

c) To reverse the number inputted by the user.

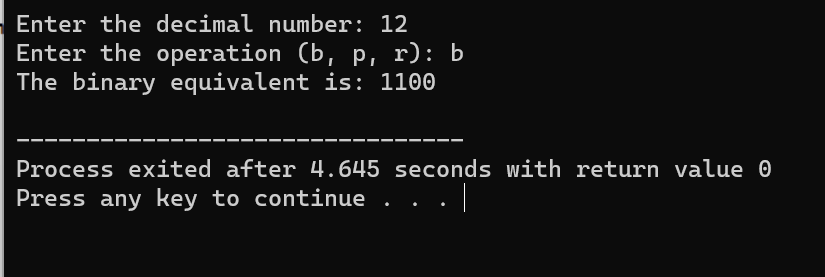
Note: Use a menu-driven program using do..while loop and switch case

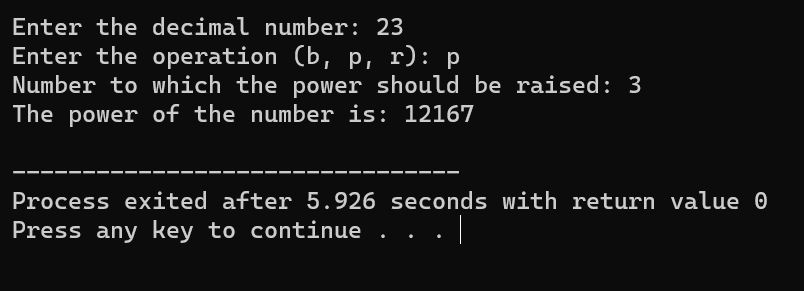
CODE:

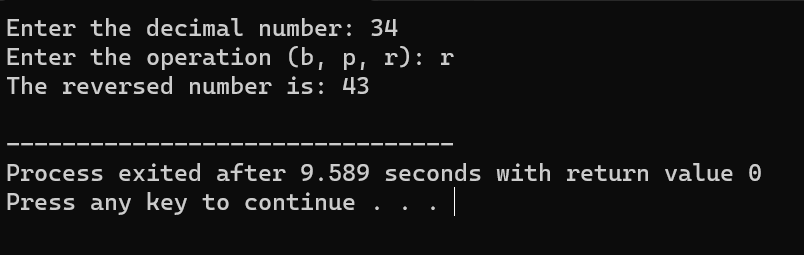




**Output:**

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