MULTIPLICATION(B,C) **//B,C are matrix**

FOR i🡨1 to n  **//n**

FOR j🡨1 to n  **// n^2**

FOR k🡨1 to n **// n^3**

A[i][j] 🡨A[i][j]+B[i][k]\*C[k][j];  **//n^3**

RETURN A; **//1**

MULTIPLICATION(a,B) **// a,is an integer, B is a matrix**

FOR i🡨1 to n  **//n**

FOR j🡨1 to n **//n^2**

B[i][j]=2\*B[i][j] **//n^2**

RETURN B; **//1**

ADDITION(B,C)

FOR i🡨1 to n  **//n**

FOR j🡨1 to n **//n^2**

A[i][j] 🡨B[i][j]+C[i][j]  **//n^2**

RETURN A; **//1**

SUBTRACTION(B,C)

FOR i🡨1 to n **//n**

FOR j🡨1 to n **//n^2**

A[i][j] 🡨B[i][j]-C[i][j] **//n^2**

RETURN A; **//1**

Therefore BigO should be O(2\*n^3+7\*n^2+5n).