Output :--

Explanation:--

Due to limited memory of data types.

Let's take an example float data type can store the value of pi up to 6 digits(3.141592) after the decimal point as its size 32bit and double data type has 64bit can store 14 digits(3.14159265358979), so in float, after six digits the info is lost due to limited size of it.

Here above same happens that much smaller operand couldn't participate as their actual values; that's why the error or difference occurs.